Samuel Gist Gist

BIBLIOTHECA
CARCINOLOGICA
L.B. Holthuis

A GENERAL

SYSTEM OF NATURE,

THROUGH THE

THREE GRAND KINGDOMS

OF

ANIMALS, VEGETABLES, AND MINERALS,

SYSTEMATICALLY DIVIDED

INTO THEIR SEVERAL

CLASSES, ORDERS, GENERA, SPECIES, AND VARIETIES,

WITH THEIR

HABITATIONS, MANNERS, ECONOMY, STRUCTURE, AND PECULIARITIES.

BY SIR CHARLES LINNÈ:

Translated from GMELIN, FABRICIUS, WILLDENOW, &c.

TOGETHER WITH

Various Modern Arrangements and Corrections, derived from the Transactions of the Linnean and other Societies, as well as from the Classical Works of Shaw, Thornton, Abbot, Donovan, Sowerby, Latham, Dillwyn, Lewin, Martyn, Andrews, Lambert, &c. &c.

WITH A LIFE OF LINNÈ,

Appropriate Copper-plates, and a Dictionary explanatory of the Terms which occur in the several Departments of Natural History,

BY WILLIAM TURTON, M. D.

Fellow of the Linnean Society, Author of the Medical Glossary, &c. &c.

IN SEVEN VOLUMES.

Animal Kingdom.—VOL. III.

INSECTS.—Part II.

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ORDER III.

LEPIDOPTERA.

Wings 4, *covered with fine imbricate scales:* tongue *involute, spiral:* body *hairy*.

71. PAPILIO. *Antennae* growing thicker towards the tip, and generally ending in a knob: *wings* when ſitting, erect, the edges meeting together over the abdomen. They fly in the day-time.

Butter-fly.

For the more eaſily aſcertaining the ſpecies of this numerous and beautiful tribe, I have given the diviſions both of *Linne* and *Fabricius*; the latter of which is adopted, as exhibiting characteriſtics more clear and certain.

Linnean diviſion.

Equites. Upper-wings longer from the poſterior angle to the tip than to the baſe: antennæ often filiform.
a. *Trojans.* Generally black, with ſanguineous ſpots on the breaſts.
b. *Greeks.* Breaſt without ſanguineous ſpots; an ocellate ſpot at the angle of the tail.
†. Wings without bands.
††. Wings with bands.

Heliconii. Wings narrow, entire, often naked or ſemitranſparent, the upper-ones oblong the lower-ones very ſhort.

Danai. Wings very entire,
a. *Candidi.* Wings whitiſh.
b. *Feſtivi.* Wings variegated.

Nymphales. Wings denticulate.
a. *Gemmati.* Wings with ocellate ſpots,
†. on all the wings,
††. on the upper wings only,
†††. on the lower wings only.
b. *Phalerati.* Wings without ocellate ſpots.

Plebeji. Small; the larva often contracted.
a. *Rurales.* Wings with obſcure ſpots.
b. *Urbicolæ.* Wings moſtly with tranſparent ſpots.

Fabrician.

Fabrician Diviſion.

Papilio. Feelers reflected: tongue exſerted ſpiral: antennæ thicker towards the tip

A. Upper-wings longer from the poſterior angle to the tip than to the baſe.

a. *Equites.* Lower-wings cut to admit the free motion of the abdomen.

†. *Trojani.* Generally black, with ſanguineous ſpots on the breaſt.

††. *Greeks.* Breaſt without ſanguineous ſpots: an ocellate ſpot at the angle of the tail.

b. *Satyri.* Lower-wings dilated on the inner-margin into a groove for the reception of the abdomen.

B. *Heliconii.* Wings oblong, the lower-ones ſhort and rounded.

C. *Parnaſſii.* Wings rounded, entirely or partially naked.

D. Wings rounded.

a. *Feſtivi.* Lower-wings diſtant at the inner-edge.

b. *Danai.* Lower-wings meeting at the inner-edge and covering the baſe of the abdomen.

c. *Nymphales.* Lower-wings forming a groove for the reception of the abdomen.

Heſperia. Feelers compreſſed and hairy at the baſe, the tip cylindrical and naked: club of the antennæ oblong and often hooked.

a. *Rurales.* Wings with obſcure ſpots.

b. *Urbicolæ.* Wings with moſtly tranſparent ſpots.

Theſe inſects feed on the nectar of flowers, and the moiſture exſuding from trees: the *larvæ* are active and furniſhed with tentacula and 16 feet; they are ſometimes ſpinous and ſometimes naked, and feed voraciouſly on the leaves of various plants: the *pupa* is naked, quieſcent, and attached to trees or other ſubſtances by filaments either from the tip or the middle.

Equites. Trojans.

Paris. Wings tailed black; the lower ones with a large blue ſpot and purple eye, and 7 lunules beneath.
Natural. Miſcel. tab. 404. *Donovan's Chin. Inſ. tab.* 1.
Clerk Icon tab. 13, *fig.* 1. *Drury Inſ.* 1, *tab.* 12, *fig.* 1.
Inhabits *Aſia* and *China*. *Cramer Inſ. tab.* 103 *fig.* A. B.
Body and *Wings* ſpeckled with green; the lower ones beneath with white: *upper-wings* with a green ſpot at the poſterior angle.

Bianor. Wings tailed black, both ſurfaces nearly the ſame colour, the lower ones with 5 rufous lunules.
Inhabits *China*. *Cramer. Inſ.* 9, *tab* 103, *fig.* 6.
Reſembles the laſt, from which it chiefly differs in wanting the blue ſpots and having the 5 red creſcents on the lower wings.

Helenus. Wings tailed black, the lower-ones with a white ſpot and double purple lunule.
Inhabits *Aſia* *Cramer, Inſ.* 13, *tab.* 153, *fig.* A. B.
Clerk Icon. tab 13. *fig.* 2. *Seba Mus.* 4, *tab.* 46, *fig.* 17, 18.
Lower-wings beneath with 3 whitiſh lunules and 7 ferruginous ones

Theseus. Wings tailed brown, both ſurfaces the ſame colour; the lower pair with 9 red lunules dotted with white.
Inhabits *Sumatra*. *Cramer Inſ.* 15, *tab.* 180, *fig.* B.
Much leſs than the laſt: *head* and *thorax* dotted with white: *upper wings* immaculate, darker at the baſe.

Polytes. Wings tailed black, both ſurfaces the ſame colour; the upper-ones with a band compoſed of 5 white ſpots and red lunules.
Inhabits *Aſia*. *Cramer Inſ.* 23, *tab.* 265, *fig* A. B. C.
Clerk Icon. tab. 14, *fig.* 1. *Seba. Mus.* 4, *tab.* 27, *fig.* 23, 24.

Mutius. Wings tailed black; the upper-ones with a white band, lower-ones with a band of 5 red ſpots and lunules.
Inhabits *Tranquebar*. *Cramer Inſ. tab.* 43, *fig.* A.
Is probably a mere variety of the laſt.

Hector. Wings tailed black, both ſurfaces the ſame colour; the upper pair with an interrupted white band, lower-ones with numerous crimſon ſpots.
Inhabits *Aſia*. *Cramer Inſ. tab* 131, *fig.* A. *Nat. Miscel. t.* 271.
Clerk Icon. tab. 33, *fig.* 1. *Jablon Pap.* 2, *tab.* 13, *fig.* 2.
Head and upper-margin of the *thorax* red: *abdomen* black: *tail* red: *upper-wings* with a broken white ſpot at the tip.

Ascanius.

Ascanius. Wings tailed, black with a common white band, both surfaces alike, the lower-ones clouded with red.
Inhabits *Brasil. Cramer Ins. 2, tab. 14. fig. A.*
Body black: *breast* with sanguineous spots; the white band is mixed with red on the lower-wings which have red lunules.

Antenor. Wings tailed, both surfaces the same colour, black spotted with white, the lower ones with a marginal row of red lunules.
Inhabits *India. Natural. Miscel. tab. 197.*
Iablons. pap. 2, tab. 13, fig. 1. Drury Ins. 2, tab. 3, fig. 1.
Head red: *antennae* black; *thorax* black: *abdomen* white with red bands: *wings* with numerous scattered white spots, the lower pair greenish in the middle with a red lunule at the angle of the tail.

Troilus. Wings tailed black: the upper ones with pale marginal spots; lower-ones with pale spots above, and fulvous ones beneath.
Inhabits *North America. Cram. Ins. 18, tab. 207, fig. A. B. C. Drury Ins. 1, tab. 11. fig 3-5. Iablons. pap. 2. tab. 17, fig. 3-4.*

Ilioneus. Wings tailed black; the lower-ones with a blueish border, fulvous at the angle of the tail, with red subocellar bitarious spots beneath.
Inhabits *Georgia, Smith's Lepidopterous Ins. of Georgia.*

Glaucus. Wings tailed brown; the lower-ones blue-black, fulvous at the angle of the tail, with yellow lunules beneath.
Inhabits *America. Jones. Fig. pict. 1, tab. 45.*
Clerk Icon. tab. 24, fig 1.
Wings clouded, both surfaces nearly the same colour, the upper-ones with a yellow spot: the yellow lunules on the *lower-wings* are marked with an orange spot.

Palinurus. Wings tailed black with green-gold specks and a common blue-green band.
Inhabits *Tranquebar*; middle-sized.
Body covered with green-gold specks: all the *wings* black, beneath speckled with white, the upper-ones cinereous at the tip, the lower-ones with marginal subocellar fulvous spots.

Crino. Wings tailed black with green-gold specks and a common blue-green band, the lower-ones beneath with green blue and cinereous lunules.
Inhabits *Africa. Jones. Fig. pict. 1, tab. 53.*
Angle of the *tail* with a rufous ocellate spot, the pupil black.

Deiphobus.

Deiphobus. Wings tailed black, the base beneath spotted with red; the lower-ones with 7 red subannular spots.
Inhabits *Asia. Cramer Ins.* 16. *tab.* 181, *fig.* A. B.
Clerk Icon. tab. 25. *Seba Mus.* 4. *tab.* 47, *fig.* 5, 6.
The red lunules on the *lower wings* are yellowish at the tip.

Pelaus. Wings tailed black: the upper-ones with a white band, the lower-pair with white marginal lunules and 2 red dots.
Inhabits *India. Cramer Ins.* 15, *tab.* 177, *fig.* A. B?
Small. *Breast* black with a red spot each side: *upper-wings* indented, both surfaces alike, with a submacular band in the middle and thin white marginal lunules: *lower-wings* with 6 red dots beneath before the margin.

Asterias. Wings tailed black with 2 yellow macular bands; angle of the tail fulvous with a deep black dot.
Inhabits *America. Cramer Ins.* 35, *tab.* 385, *fig.* C. D.
Drury Ins. 1, *tab.* 11, *fig.* 2. *Iabl. Pap.* 2; *tab.* 18, *fig.* 1.
Upper wings with 2 parallel bands, the margin spotted with yellow; lower pair beneath of the same colour, but the spots are larger and more fulvous.

Phorbanta. Wings tailed black spotted with blue; lower-ones with an interrupted white band beneath.
Inhabits *Cayenne. Aubent Miscell. tab.* 43, *fig.* 1, 2.

Philenor. Wings tailed black; the lower-ones with a greenish gloss, and 7 red subocellar spots beneath.
Inhabits *America. Cramer Ins.* 88, *tab.* 208, *fig.* A. B.
Drury 1, *tab.* 11, *fig.* 1, 4. *Iabl. Pap.* 2, *tab.* 79, *fig.* 2, 3.
Body black; *abdomen* speckled with white: margin of the *upper-wings* varied with white and black: *lower-ones* with a few obsolete white specks, the margin varied with white and black; beneath with a white dot at the base the tip greenish with 7 round fulvous dots surrounded with a black ring and marked with a small white lateral dot.

Cyrus. Wings tailed black, the margin spotted with white: lower-ones with a white macular band and marked beneath with 7 red lunules.
In the *British Museum*
Lower-wings with a white band of 7 spots and a red lunule at the angle of the tail.

Pammon. Wings tailed black, both surfaces the same colour, the margin spotted with white: lower-ones with 7 white spots.
Inhabits *Asia. Cramer Ins.* 12, *tab.* 141, *fig.* B.
Clerk Icon. tab. 14, *fig.* 2. *Seb. Mus.* 4, *tab.* 27, *fig.* 21, 22.
Is sometimes though rarely, found without tails.

Asius.

Aſius. Wings tailed black with a common white band; lower-ones ſpotted with red beneath at the baſe and tip.

Inhabits *South America.* Small black.

Thorax with a cinereous lateral line: *breaſt* with a cinereous dot each ſide: *abdomen* with a cinereous lateral line beneath: *upper-wings* with both ſurfaces alike; lower-ones above black with 3 ſcarlet lunules at the angle of the tail and 5 white ones at the margin, beneath brown with red ſpots at the baſe, a red line at the thinner margin and 3 red lunules at the angle of the tail, the margin with 4 white lunules.

Acamas. Wings indented tailed brown, both ſurfaces the ſame colour; upper-ones with a yellow band, lower-ones with red blue and yellow lunules.

Inhabits *Jamaica. Jones Fig. pict.* 1. *tab.* 72.

Upper-wings with a few marginal ſpots, lower-ones black at the tip: *body* above brown, beneath pale.

Laodocus. Wings indented tailed black, the upper pair with an abbreviated yellow band, lower-ones with rufous blue and white lunules beneath.

Inhabits *Braſil. Jones Fig. pict.* 1. *tab.* 66.

Body black with a white lateral line.

Achates. Wings tailed black, rufous at the baſe, both ſurfaces nearly the ſame colour, the lower-ones with an 8-divided white ſpot.

Inhabits *China. Cramer Inſ.* 16. *tab.* 182. *fig.* A. B.

2 Wings brown, black at the baſe, the upper-ones with a rufous ſpot, lower-ones with white ſpots.

Papilio Alcenor. *Cramer. Inſ.* 14. *tab.* 166. *fig.* A.

Upper-wings brown ſtriate, with a red ſpot at the baſe each ſide: *lower-wings* with a full black ſpot at the baſe above and a ſanguineous one beneath, on the diſk is a large white ſpot 8-cleft at the future, the hind-margin with red lunules.

Lyſander. Wings tailed black; upper-pair with a white ſtreak; lower-ones with a white ſpot in the middle and red lunules.

Inhabits *India. Dr. Fothergill.*

Polydorus. Wings tailed, both ſurfaces alike, black; lower-ones with a 6-cleft white ſpot at the future and 7 red lunules.

Inhabits *India. Cramer* 11. *tab.* 128. *fig.* A. B.

Coon. Wings tailed both ſurfaces alike; upper-ones brown, lower-ones black ſpotted with white at the baſe and a double yellow ſpot at the angle of the tail.

Inhabits *China. Jones Fig. pict.* 1, *tab.* 36.

Large. *Lower-wings* white at the baſe and ſmall at the outer margin, the firſt yellow ſpot near the tail is lunate.

Antiphus. Wings tailed black, both ſurfaces the ſame colour; the lower-ones with 7 red lunules.
Inhabits *India.* *Jones Fig. pict.* 1. *tab.* 14.
Reſembles *P. Polydorus*, but is leſs and wants the white ſpot on the *lower-wings*.

Dardanus. Wings tailed; the upper-pair with a green round ſpot, lower-ones with a red palmate ſpot.
Inhabits *Braſil.* *Jones Fig. pict.* 1. *tab.* 26.
Body black: *ſhoulders* and *tail* rufous: *upper wings* beneath immaculate: ſanguineous ſpot on the *lower-wings* compoſed above of 4 beneath of 3 lobes: *angle* of the tail with a red dot.

Tros. Wings indented tailed black, both ſurfaces alike: upper-ones with an abbreviated white band, lower-ones with a macular red one
Inhabits *Braſil.* *Jones Fig. pict.* 1. *tab.* 28.
Body black dotted with red each ſide: *lower-wings* with a band compoſed of 6 red ſpots.

Antimachus Wings indented elongated black; upper-ones with ſubradiate fulvous ſpots, lower-ones with a radiate rufous diſk ſpeckled with black.
Inhabits *Africa.* *Jones Fig. Pict.* 1. *tab.* 41.
Large. *Head* and *thorax* ſpeckled with yellow: *upper wings* very long, variegated beneath at the baſe: *lower-wings* with a radiate fulvous diſk in which are 8 black ſpots, and pale ſpots at the margin, beneath yellowiſh with 8 black ſpots in the middle and a black nearly marginal band deeply indented each ſide.

Priamus. Wings indented ſilky, upper-pair above green with a black diſk and edge, lower-ones with 4—6 black ſpots.
Inhabits *Amboina.* *Cram.* 2 *tab.* 23. *fig.* A. B. *Nat. Miſ. tab.* 15.
Antennae ſharpened at the end: *thorax* black with 3 green ſpots 1 2: *abdomen* yellow: *lower-wings* edged with black, with a yellow ſpot at the outer-margin near the baſe.

Amphriſius. Wings indented black, both ſurfaces alike; upper-ones with yellow ſpots, lower-ones with a yellow diſk.
Inhabits *India.* *Cramer Inſ.* 19. *tab.* 219. *fig.* A.
Spots on the *upper-wings* radiate: *angle* of the tail with a black dot.

Remus.

Remus. Wings indented black, both ſurfaces nearly alike; lower-ones with yellow marginal ſpots each ſide.
Inhabits *Amboina*. *Cramer Inſ.* 1 *tab.* 10—11. *fig.* A B.
Large. *Lower-wings* whiter beneath, the margin above ſurrounded with 6 rich yellow ſpots.

Laomedon. Wings indented: upper-pair brown, lower-ones black with a double rufous ſpot at the angle of the tail.
Inhabits *China*. *Jones Fig pict.* 1. *tab.* 10.
Upper-wings each ſide brown ſtriate with black: *lower-wings* beneath with a rufous lunate band and 3 black dots at the angle of the tail.

Memnon. Wings indented; all of them marked beneath with rufous at the baſe.
Inhabits *China*. *Cram. Inſ.* 8. *tab.* 91. *fig.* C. *tab,* 50. *fig.* A.B.
Upper-wings with a red ſpot at the baſe.

Adyanax. Wings indented black, both ſurfaces the ſame colour; the upper-ones with a ſtriate white band including a ſmaller one, lower-ones ſpotted with black.
Inhabits *India*. *Jones Fig. pict.* 1. *tab.* 20.
Body black: upper ſpot on the *lower-wings* palmate.

Protenor. Wings indented black; the lower-ones beneath with an irregular red ſpot at the angle of the tail.
Inhabits *Surinam*. *Cramer. Inſ.* 5. *tab.* 49. *fig.* A. B.
Upper wings immaculate; under-ones with a double dot at the angle of the tail, beneath with marginal red lunules and an irregular red ſpot with a black dot.

Agenor. Wings indented black, ſanguineous at the baſe; lower-ones white on the diſk with black ſpots
Inhabits *China*. *Cramer Inſ.* 3. *tab.* 32. *fig.* A. B.

Anchiſes. Wings indented black, both ſurfaces alike; lower-ones with 7 ovate ſcarlet ſpots.
Inhabits *America*. *Cramer Inſ.* 27. *tab.* 318. *fig.* A.B.C.D.
Larva gregarious with yellow tentacula, ſpinous brown annulate with white: *pupa* brown, 4-toothed before.

Sarpedon. Wings indented, brown with a green band; lower-ones beneath with a red line at the baſe and 5 red ſpots.
Inhabits *Aſia*. *Cramer Inſ.* 11. *tab.* 122. *fig.* D.E.

Polydamus. Wings indented black bronzed with a macular yellow band: the lower ones with flexuous red lunules beneath.
On the *Ariſtolochia anguicida. Cramer.* 18. *tab.* 21. D. E.
Larva cheſnut brown glabrous with numerous purple ſtreaks and 4 yellowiſh eyes tipt with purple on each ſegment: *pupa* green.

Androgeus. Wings indented black bronzed; the lower pair beneath with red blue and yellow lunules.
Inhabits *Surinam. Cramer* 2. *t.* 16. *f.* C. D. 29. *t.* 350. *f.* A.B.

Peranthus. Wings indented tailed black, above green at the baſe, beneath pale at the tip; lower-ones with 7 fulvous lunules
Inhabits *Cochin China.* middle-ſized.
Body above gloſſy-green, beneath white: all the *wings* black at the tip with obſolete green ſpots, the marginal cavities whitiſh; beneath black at the baſe ſpeckled with yellow, the upper-pair with a large pale lunule, lower 7 fulvous lunules the outer of which has a white line in the middle the others with an oppoſite blue lunule.

Amphimedon. Wings indented brown, both ſurfaces alike; upper-ones radiate with white, lower-ones with a 5-cleft red ſpot and red lunules.
Inhabits *Amboina. Cramer Inſ.* 14. *tab.* 194. *fig.* A.
Body brown: *thorax* with 3 red ſtreaks before.

Zacynthus. Wings indented black; the upper-ones with a green-white ſpot, lower-ones with a palmate red one.
Inhabits *Braſil. Jones Fig. pict.* 1. *tab.* 22.
Spot in the middle of the *upper-wings* white before and green behind, beneath a white ſpot only: *lower-wings* with a 5-lobed red ſpot above, beneath ſpeckled with rufous: *body* black with a red ſpot under the wings.

Dimas. Wings indented black, both ſurfaces alike; upper-ones with a white ſpot divided by the veins, lower-ones with a palmate red ſpot.
Inhabits *Braſil. Cramer Inſ.* 2. *tab.* 29. *fig.* E. F.
Spot on the *upper-wings* 4 cleft at the ſutures: palmate ſpot on the *lower wings* 6-cleft: ſcollops of the wings rufous.

Idæus. Wings indented black; upper-pair with an abbreviated yellow band: lower-ones with a palmate red ſpot and dots.

Inhabits

Inhabits *Madras*. *Jones Fig. pict.* 1. *tab.* 25.
Palmate ſpot paler beneath, ſcollops of the wings whitiſh.

Vertumnus. Wings indented black; upper-pair with a round green ſpot in the middle; lower-ones with a palmate ſanguineous ſpot.
Inhabits *Surinam*, *Cramer. Inſ.* 18. *tab.* 111. *fig.* A. B. C.
Upper-wings beneath immaculate: *lower-wings* with a red ſhining 4-cleft ſpot.

Æneas. Wings indented black; upper-pair with a green ſpot above: lower-ones with a red palmate ſpot.
Inhabits *India*. *Cram. Inſ.* 24. *tab.* 279. *fig.* A. B. C. D.

Ilus. Wings indented black; upper-pair with a white ſpot, lower ones beneath with red dots at the baſe and angel of the tail.
Inhabits *America*. *Jones Fig. pict.* 1. *tab.* 29.
Upper-wings with a white ſpot in the middle bifid at the future, beneath immaculate: *lower-wings* with 4 red dots above at the angle of the tail, beneath 4 at the baſe and 4 larger ones at the angle of the tail: indentations of the *wings* white.

Iphidamus Wings indented black, both ſurface uniform: upper-pair with an abbreviated white band, lower-ones with a broad red one.
Inhabits ——— *Jones Fig. pict.* 1. *tab.* 31.
Band on the *upper-wings* divided at the future, the hind-margin dotted with white: *body* ſpotted each ſide with red.

Belus. Wings intented greeniſh: lower-pair paliſh at the inner margin, beneath brown with red lunules.
Inhabits *Surinam*. *Cram.* 10. *t.* 112. A. B. C. *t.* 13. *f.* A. B. C.
Wings beneath brown: *breaſt* brown with yellow ſpots: *abdomen* above pale beneath brown and ſpeckled with white each ſide. Varies in having a yellowiſh ſpot on the firſt-wings and a ſtreak of yellowiſh dots on the ſecond.

Pompeius. Wings indented black, both ſurfaces uniform: lower-pair with red ſpots.
Inhabits *Surinam*. *Cramer. Inſ.* 24. *tab.* 278. *fig.* C. D.
Thorax and *breaſt* ſpotted with red: hind-margin of the *lower-wings* with red ſpots between the teeth.

Polymnestor Wings indented black, both ſurfaces nearly the ſame colour; lower-pair blueiſh towards the tip and ſpotted with black and white.

Inhabits

Inhabits *Aſia. Cram.* 5. *t.* 33. *f.* A. B. *Natural. Miſcel. t.* 28.
Upper-wings with a few whitiſh clouds towards the tip and a long crimſon mark near the baſe: *lower* black at the baſe: both pair beneath ſpotted with red at the baſe.

Panthous. Wings indented black, both ſurfaces uniform: upper-pair ſpotted with white, lower with white ſpots including black ones.
Inhabits *Iudia. Cram.* 11. *tab.* 123. *fig.* A. *tab.* 124. *fig.* A.
2 *Upper-wings* clouded, lower-ones with yellow ſpots. *Naturaliſt's Miſcellany. tab.* 420.

Pandarus. Wings ſlightly indented, both ſurfaces nearly alike, blackiſh ſpotted with white: lower-pair yellow with 7 black eyes, the pupil blue.
Inhabits *India.*

Aſienous. Wings indented black, both ſurfaces the ſame colour; upper-pair with a radiate white ſpot, lower-ones yellow on the diſk
Inhabits the *Cape of good hope. Cram.* 3. *tab.* 25. *fig.* A.
Large. *Thorax* black: *abdomen* beneath yellow: indentations of the *upper-wings* whitiſh: *border* of the lower *wings* black and before the margin and few yellow ſpots.

Helena. Wings indented black, both ſurfaces alike; common diſk of the ſecond pair brilliant gold-colour.
Inhabits *Surinam. Cram.* 12. *t.* 14. *fig.* A. B. *Nat. Miſcel. t.* 77.
Body brown: yellow diſk of the *wings* croſſed by black veins.

Heliacon. Wings indented black, both ſurfaces alike; diſk of the low-lower-ones yellow dotted with black.
Inhabits *India. Jones Fig. pict.* 1. *tab.* 42.
Body blackiſh: *abdomen* beneath yellow.

Eurytylus. Wings indented black, both ſurfaces alike, with an interrupted green band and ſpots; lower-pair beneath ſpotted with red.
Inhabits *India. Cramer. Inſ.* 11. *tab.* 122. *fig.* C. D.

Creſſida. Wings indented; upper-pair hyaline with 2 black ſpots, lower-ones black with a white ſpot.
Inhabits *New Holland*; middle-ſized.
Front white: *breaſt* red at the ſides: *abdomen* black: *tail* red: a black dot in the middle of the white ſpot on the *lower-wings*; angle of the *tail* with a rufous ſpot and 5 marginal red ſpots beneath.

Harmonia.

Harmonia. Wings ſcalloped white, both ſurfaces alike; upper-pair with a black ſpot, under-ones with a brown margin and 5 white dots.
Inhabits *New Holland*; leſs than the laſt.
Body black: *thorax* ſpotted with white: tip of the *upper-wings* browniſh: *lower-wings* duſky with a whitiſh ſtreak in the middle.

Equites. Greeks.

Ripheus. Wings with 6 tail-like proceſſes, black with green bands: lower-ones with a large red patch incloſing 2 black dots.
Inhabits *Caromandel. Cram.* 3. *tab.* 385. *fig.* A. B.
Naturaliſt's Miſcellany. iv. *tab.* 125.
Wings with tranſverſe green lines and a band in the middle bifid at the tip: *body* black with a green line down the middle.

Leilus. Wings tailed both ſurfaces alike, black with a ſhining green band and numerous narrow ſtripes.
Inhabits *America. Cram.* 8. *tab.* 85. *f.* D. E. *Nat. Miſc. t.* 360.
Body black with green lines. *lower-wings* whitiſh at the bottom with black marks: *antennae* green: *larva* covered with long ſtrong briſtles, green with a blue head: *pupa* pale brown ſpotted.

Lavinia. Wings tailed black barred with green, beneath ſilvery with fulvous ſtripes.
Inhabits *America. Body* black; *feelers* white.
Upper-wings indented black with a band of 5 oblong green ſpots, and 3 leſſer ones between the band and the thicker margin, beneath varied with white fulvous and ſilvery with a black bloteh at the thick edge in which is a white bifid line and a flexuous blue one: *lower-wings* with an entire green band at at the baſe and another behind of 7 ſpots, angle of the *tail* fulvous, beneath ſilvery with 3 fulvous ſtreaks and a white band in the middle.

Brutus. Wings tailed white with a black border; lower-pair with a brown band beneath.
Inhabits *Africa. Cram* 32. *t.* 378. *f.* D. E. *t.* 151. *fig.* A. B.
Head and *thorax* black dotted with white: *abdomen* whitiſh with a black line, the ſides dotted with black: *upper-wings* black on the outer margin and tip with a yellow dot at the tip, both ſurfaces alike: hind margin of the *lower-wings* dotted with black; beneath whitiſh with brown veins and a broad brown band in the middle: the hind-margin brown.

Delicaon.

Dolicaon. Wings tailed white with a common black border: lower-ones with marginal white dots each side.
Inhabits *America*. *Cram. Papil.* 2. *tab.* 17. *fig.* C. D.
Both surfaces of the *wings* nearly alike, but the lower-ones have a black ring in the white disk beneath: *tail* black tipt with white.

Ulysses. Wings tailed black with a blue radiating disk; lower-pair with 7 ocellate spots beneath.
Inhabits *Asia*. *Cramer. Papil.* 11. *tab.* 121. *fig.* A. B.
Naturalist's Miscellany. iii. *tab.* 92.
Thorax and *abdomen* black with a brown border.

Diomedes. Wings tailed black, the disk unequally radiate with blue; lower-ones with blue lunules.
Inhabits *India*. *Cramer. Papil.* 11. *tab.* 122. *fig.* A.
Naturalist's Miscellany. 8. *tab.* 296.
Thorax black with 4 white dots: *abdomen* reddish speckled with green, the border paler: edge of the *wings* varied with white: *upper-wings* with a common blue patch in the middle in which is a large round black spot, the shoulders radiate with green.

Protesilaus. Wings tailed, both surfaces nearly alike, white with brown bands and a single red one beneath; angle of the tail red.
Inhabits *America*. *Cram. Inf.* 17. *tab.* 202. *fig.* A. B.
Larva black, spinous.

Antilochus. Wings tailed, both surfaces alike, yellow with black bands and margin; the tail white and as long as the wings.
Inhabits *North America*. *Catesby's Carolina*. ii. *tab.* 83.

**Podalirius* Wings tailed, both surfaces nearly alike; yellowish with double brown bands and margin: lower-ones with 5 blue ocellate spots and reddish line beneath.
Inhabits *Europe*. *Cramer. Inf.* 13. *tab.* 152. *fig.* B.
Donovans iv. *tab.* 109. *Lewin. tab.* 35.
Larva solitary, yellowish dotted with brown, head pale green: *pupa* yellowish dotted with brown, 2-toothed before.

Antiphates Wings tailed white, the margin brown barred with white, lower-ones beneath yellowish at the base and barred with black.
Inhabits *America*. *Cramer. Papil.* 6. *tab.* 72. *fig.* A. B.

All

All the *wings* white with a brown border, the outer edge with 7 white bands, the tail long ovate black; beneath yellowish at the base with 2 black bands, the tip whitish with a few black dots.

Alcibiades. Wings tailed white; upper-ones with black bands on the the margin, lower-ones beneath ferruginous at the tip dotted with black

Inhabits *Tranquebar*; less than P. podalirius.

Head fulvous with a broad black line in the middle: *thorax* cinereous downy with 2 fulvous spots: *abdomen* whitish with a lateral black macular line: *upper-wings* greenish at the base: *under-wings* with a black spot near the tail and marginal lunules, the tail long black tipt with white; beneath striate with black.

Pompilius. Wings tailed white, the border black barred with white; lower-ones beneath with ferruginous spots marked with black.

Inhabits *India*; size of P. Sinon.

Body above whitish with a black dorsal line: *upper-wings* black on the outer and hind-margin with 7 white bands, under surfaces the same: *lower-wings* edged with black, the excavations white, lunule at the angle of the tail reddish, the tail long black edged with white; beneath greenish at the base barred with black, the tip whitish with reddish spots marked with black, and black lunules.

Sinon. Wings tailed black with green entire band stripes and dots: lower-ones with a red line underneath.

Inhabits *India*. *Cramer. Inf.* 27. *tab.* 317. *fig.* 6. D. E. F.

Half the size of P. Podalirius: angle of the *tail* rufous.

Agapenor. Wings tailed black with green macular bands: lower-ones with a sanguineous line beneath.

Inhabits *Africa*. *Jones Fig. pict* 1. *tab.* 51.

Body above black with white lines, beneath whitish: *tail* of the wings long black tipt with white: *wings* varied underneath with black and white, the lower-ones white on the disk with a red line edged with black.

Thyastes. Wings tailed black with a yellow band and spots: lower-ones with a red line beneath.

Inhabits *Brasil*. *Jones Fig. pict.* 1. *tab.* 92.

The yellow band is much broader at the base.

Chiron. Wings tailed black barred with brown; underneath white on the fore-part with ferruginous ſtreaks.

Inhabits *India. Cramer. Inſ.* 17. *tab* 200. *fig.* D. E.

Wings above blackiſh with 4 ruſty-brown bands, the tail ſharp brown ending in a white dot, a full black eye at the angle of the tail; grey on the hind-part underneath.

Crethon. Wings tailed above brown beneath glaucous, with a white band both ſides.

Inhabits *Surinam*; ſmall, brown.

Upper-wings brown at the baſe with a few darker ſtripes, a white band in the middle, the tip black with 6 or 7 white dots: beneath glaucous with a white band and fulvous ſtreaks: *lower-wings* with 3 ocellar black ſpots with a whitie iris on the hind-margin, a ſmall rufous ſpot at the angle of the tail, tail of the wings long black edged with white: underneath with a few fulvous ſtreaks and 3 black dots behind.

Orſilochus. Wings tailed; upper-ones with 2 white bands: lower-ones with one; beneath white at the baſe with a fulvous band.

Inhabits *Surinam. Cramer Inſ.* 17. *tab.* 200. *fig.* F. G.

Lower wings with 2 black eyes, the iris white, at the angle of the tail which is appendaged and ferruginous; *tail* of the wings long black edged with white, beneath white at the baſe with a fulvous band, the tip brown with a glaucous ſtreak.

Curius. Wings tailed, both ſurfaces alike, black; upper-pair with 2 hyaline bands, lower-ones with a ſingle white one.

Inhabits *Siam.* In the Muſeum of Sir *Joſ. Banks.*

Body above brown, beneath whitiſh, ſides of the *abdomen* dotted with black: hind band on the *upper-wings* broader with black veins: *tail* of the wings very long black, the outer edge and tip white.

Octavius. Wings tailed hyaline with a red margin and ſtripe.

Inhabits *Surinam. Cramer. Inſ.* 5. *tab.* 59. *fig* A.

Body ſmall black: angle of the *tail* with a ſcarlet ſpot.

Licarſis. Wings tailed black with 2 white bands: angle of the tail with 2 red dots.

Inhabits *Surinam. Cramer. Inſ.* 6. *tab.* 63. *fig.* C.

Upper wings underneath with a red line and dot at the baſe: tail of the *lower wings* long obtuſe, with a few white dots, beneath with 2 ſmall blue dots between the red ones.

Meliboeus.

Meliboeus. Wings tailed brown: upper-pair with a red ſtripe, lower-ones with 2: beneath ſhining blue.
Inhabits *Surinam*. *Cramer. Inſ.* 12. *tab.* 144. *fig.* A. B.
Upper-wings with a black margin and band under: eath: *lower-wings* with a broad black band underneath: angle of the *tail* with a red and white dot.

Homerus. Wings tailed black with a yellow band, lower-ones yellowiſh underneath with 7 eyes
Inhabits *America*. *Jones Fig. picł.* 1. *tab.* 8. large.
Upper-wings above with a yellow macular band and yellow ſpots at the tip, and a ſingle whitiſh marginal ſpot at the tip beneath: ſpots on the lower-wings black with a rufous iris.

Turnus. Wings tailed, both ſurfaces alike, yellow with black margin and 5 abbreviated bands: angle of the tail fulvous.
Inhabits *America*. *Cramer. Inſ.* 4. *tab.* 38. *fig.* A. B.

**Machaon.* Wings tailed, both ſurfaces alike, yellow with a brown border in which are yellow lunules; angle of the tail fulvous.
Donovan's Eng. Inſ. vi. *tab.* 211. *Natur. Miſcell. tab.* 398.
Inhabits *Europe*, on umbelliferous plants. *Lewin. tab.* 34.
Larva ſolitary glabrous, furniſhed with teatacula, annulate with black and green and dotted with red: *pupa* yellowiſh.

Therſites. Wings tailed yellow with a black border; lower-ones with with yellow lunules.
Inhabits *America*. In the Muſeum of Dr. *Hunter*.
Thorax black with 4 yellow dots: *breaſt* yellow: *abdomen* yellow, black on the back: *upper wings* yellow underneath, the margin black with a yellow ſtreak: *lower-wings* black at the tip with 6 yellow lunules, angle of the tail with a rufous lunule, tail of the wings black; underneath yellow with a black ſtreak compoſed of ſpots including a blue lunule.

Cadrus. Wings tailed, above black underneath brown; upper-ones with a macular white band each ſide.
Inhabits *Amboina*. *Cramer. Inſ.* 15. *tab.* 279. *fig.* A. B.
Wings with a green gloſs above, the inner margin greeniſh with ferruginous ſpecks; band compoſed of 8 ſpots.

Chalcas. Wings tailed black with 2 yellow macular bands; lower-ones beneath with a yellow fillet and rufous lunules.

Inhabits *America*. *Cramer. Inf.* 8. *tab.* 92. *fig.* A. B.
Body black: *thorax* with 2 yellow lines: *breaſt* and ſides of the *abdomen* yellow; *upper-wings* with a yellow lunule in the middle 2 bands and ſmall marginal dots, under-ſurface alike: *lower-wings* with 2 yellow bands and 6 lunules, angle of the tail yellow with a blue lunule and 2 rufous ones, hind-margin with ſmall yellow lunules, wing-tail obtuſe black with a yellow line.

Meneſtheus. Wings tailed black, beneath with whitiſh ſpots in ſtreaks: lower-ones with rufous and blueiſh lunules.
Inhabits *India*. *Cramer Inf.* 12. *tab.* 142. *fig.* A. B.
Angle of the tail with a blueiſh and red lunule.

Xuthus. Wings tailed black with white ſpots in ſtreaks; lower-pair underneath with ſubfaciate blue and fulvous eyes.
Inhabits *India*. *Cramer Inf.* 7. *tab.* 73. *fig.* A. B.
Upper-wings ſtreaked with white at the baſe and ſpotted at the tip; *wing-tail* black edged with white: angle of the tail above white, beneath fulvous with a black dot each ſide.

Theſander. Wings obtuſely tailed, brown with a yellow band and macular ſtreaks; lower-ones beneath cheſnut-brown on the diſk with black lines.
Inhabits *Sierra Leona*. *Jones Fig. pict.* 1. *tab.* 71.
Upper-wings beneath with a macular white band: *lower-wings* beneath brown at the baſe with a white ſtreak and white ſpot in the centre of the diſk and 7 white lunules behind.

Theas. Wings tailed black-brown with ochre-yellow bands; lower-pair yellow beneath with a black band and blue lunules.
Inhabits *South America*. *Cramer Inf* 14. *tab.* 167. *fig.* A. B.
Shaw's Naturaliſt's Miſcellany. ix. *tab.* 331.

Creſphontes Wings tailed black with a green band; lower-ones with a blue band beneath.
Inhabits *India*. *Cramer Inf.* 3. *tab.* 89. *fig.* A B.
Lower-wings with 5 green lunules before the margin, beneath with alternate black and green bands and a blue one in the middle: *upper pair* beneath with 4 green ſtreaks at the baſe and a macular band.

Polycaon.

Polycaon. Wings indented tailed black with a yellow band: lower-ones with fulvous blue and yellow lunules beneath.
Inhabits *Surinam.* *Cramer Inf.* 17. *tab.* 203. *fig.* A. B.
Lower-wings above with 2 ſtreaks of obſolete greeniſh lunules which terminate at the inner-margin in a yellow ſpot and at the angle of the tail is a blue rufous one.

Ajax. Wings tailed, both ſurfaces alike, brown with yellow bands; lower-ones beneath with red ſtreaks and fulvous at the angle of the tail.
Inhabits *North America.* *Cramer Inf.* 9. *tab.* 98. *fig.* G. H.

Agamemnon Wings tailed black ſpotted with green; lower-ones with 3 rufous lunules beneath.
Inhabits *Aſia.* *Cramer Inf.* 9. *tab.* 106. *fig.* C. D.

Oreſtes. Wings ſlightly tailed, above black beneath yellowiſh, all of them with a ſnowy diſk and 2 black bands.
Inhabits *Africa.* In the muſeum of Mr. *Francillon.*
All the *wings* white with a black border and 2 bands; the fore-margin with 6 white bands and on the lower-ones a line of black dots; lower ſurface the ſame but the colour is yellowiſh inſtead of black.

Pylades. Wings indented ſnowy with a black border dotted with white; angle of the tail with a rufous eye.
Inhabits *Africa.* In the muſeum of Mr. *Francillon.*
Wings beneath yellowiſh dotted with white, the diſk white; a red line from the baſe to the middle of the rib.

Demoleus. Wings indented black with yellow ſpots and bands, under-ones with a blue and rufous eye.
Inhabits *Eaſt India.* *Cram. Inf.* 20. *tab.* 231 *fig.* A. B.
Larva ſolitary glabrous, yellow-green with a teſtaceous head, 2 tentaeula and 2-horned tail.

Epius. Wings indented brown ſpotted with yellow; lower-ones with a rufous ſpot at the angle of the tail.
Inhabits *China.* *Cramer Inf.* 20. *tab.* 232. *fig.* A. B.

Leonidas. Wings indented, both ſurfaces nearly alike, black ſpotted with green; lower-ones with a green diſk.
Inhabits *Africa.* *Cramer Inf.* 1. *tab.* 9. *fig.* B. C.
Body black ſpotted with white: *abdomen* pale, brown on the back: *wings* paler beneath.

Tyndareus Wings indented black ſpotted with green; lower-ones varied beneath with green brown and red, the baſe dotted with black.

Inhabits —— *Jones Fig. pict.* 1. *tab.* 57. middle-ſized.

Thorax black with cinereous lines: *abdomen* beneath green: *upper-wings* beneath brown with green ſpots and marginal rufous ones: *wings* beneath brown at the baſe and dotted with black, then with a broad green band, next 2 rufous ſpots, the tip brown with a macular green band and a few red dots.

Anthetus. Wings indented black barred and ſpotted with green; lower-ones variegated beneath, with 3 red lunules.

Inhabits *Amboina. Jones Fig pict.* 1. *tab.* 56.

Upper-wings with a rufous eye at the angle of the tail: all of them beneath with a brown border pale bands and a ſtreak behind of whitiſh dots, the diſk whitiſh including in the under-ones a black lunule with an approximate ſmaller-one, angle of the tail with a black lunule and 5 blueiſh ones.

Nireus. Wings indented black with a green gilt band, beneath blackiſh.

Inhabits *Iudia. Cramer Inſ.* 16. *tab.* 187. *fig.* A. B.

Lower-wings with a macular white ſtreak beneath.

Lacedemon. Wings indented black with whitiſh marginal lunules; lower-ones cheſnut-brown with 7 black lunules beneath.

Inhabits *Malabar. Jones Fig. pict.* 1, *tab.* 63.

Body brown dotted with white: *under-wings* varied beneath with whitiſh and black.

Zenobia. Wings indented black with a common white band, and marginal ſpots; lower-ones beneath yellow at the baſe and ſtriate with black.

Inhabits *Sierra Leona. Jones Fig pict.* 1. *tab.* 68.

Cynorta. Wings indented black with a common ſnowy band; lower-ones beneath yellow at the baſe dotted and ſtriate with black.

Inhabits——*Jones Fig. pict.* 1. *tab.* 87.

Differs from the laſt in wanting the marginal ſpots and in having 3 black dots on the under ſurface of the lower-wings.

Amphimackus. Wings indented black with a ſhining blue-band; beneath white on the fore-part, cinereous behind.

Inhabits

Inhabits the *Indies*. *Sulz. Hiſt. Ins. tab.* 14. *fig.* 2. 3.
All the *wings* white from the baſe to the middle beneath with brown marks, under-ones with a whitiſh dot and 7 cheſnut ſmall ones with a white pupil.

Amphitrion Wings indented black with an unequal yellow band; lower-ones beneath with a ſtripe of yellow dots and blue lunules.
Inhabits *America*. *Cram. Inſ.* 1. *tab.* 7. *fig.* A. B.
Lower-wings beneath with a ſtripe of 7 large round yellow ſpots and a ſtreak of 7 blue lunules terminating at the angle of the tail in a yellow dot; the margin with yellow cavities.

Hippocoon. Wings indented black ſpotted with white, the common diſk white.
Inhabits *Sierra Leona*. *Jones Fig. pict.* 1. *tab.* 88.
Head and *thorax* black ſpeckled with white: *abdomen* white with 2 lines of black dots: *lower-wings* with 3 marginal white dots, beneath cheſnut-brown with a white baſe and ſtripe of white dots.

Diſſimilis. Wings indented with dilated veins, black with white arrow-ſhaped ſpots; lower-ones with marginal yellow ſpots beneath.
Inhabits *Aſia*. *Cramer. Inſ.* 7. *tab.* 82. *fig.* C. D.

Aſſimilis, Wings ſlightly ſcalloped, both ſurfaces alike, black with blueiſh-white dots; lower-ones with ſcarlet dots.
Inhabits *China*. *Cramer Inſ.* 13. *tab.* 154. *fig.* A.

Satyri.

Hypſipyle. Wings indented yellow varied with black and radiate at the tip; lower-ones with 7 red dots
Esp. Pap. tab. 15 *fig.* 1. *tab.* 53. *fig.* A
Inhabits *Southern Europe*. On the Ariſtolochia Clematitis.
Larva yellow dotted with black and armed with fleſhy verticillate red ſpines tipt with black: *pupa* pale with an obtuſe head.

Trapeju. Wings entire fulvous, all of them with 4 blind eyes.
Inhabits *Ruſſia* *Cram Pap* 2 *tab.* 375. *fig* E F
Wings edged with brown, with four 5 black eyes; upper-ones beneath pale fulvous, lower-ones beneath cinereous with a brown band and margin.

Fortunatus.

Fortunatus. Wings entire brown; lower-ones marbled with white and black beneath.
Inhabits *Lapland*; size of P. hyperanthi.
Body black; *antennae* yellowish: *upper-wings* with both sides alike.

Clytus. Wings very entire brown: upper-pair with a yellow band and subtripupillate eye, lower-ones with 5 eyes.
Inhabits *Africa*. *Cramer. Inf.* 8. *tab.* 86. *fig.* C. D.

Hyperbius. Wings very entire brown with a rufous patch; upper-ones with a bipupillate eye, lower-ones blind beneath.
Inhabits *Africa*. *Cramer. Pap.* 14. *tab.* 168. *fig.* C.D.E.F.

Cassus. Wings very entire brown: upper-pair with a double eye, lower-ones with 3 eyes.
Inhabits *Africa*. *Cramer Pap.* 27. *tab.* 314. *fig.* C. D.
This is probably a mere variety of the last.

Flavimel. Wings very intire brown; under-surface of the upper-ones with 2 eyes, of the lower-ones with 7.
Inhabits——*Jones Fig. pict. tab.* 50. *fig.* 2.
Upper-wings with 2 blind eyes, under-ones immaculate; under-surface paler with a common brown band in the middle and behind this 2 black eyes with yellow iris and white pupil on the upper-pair, on the lower-ones 7 eyes.

Philocles. Wings very entire brown; upper-pair with a tripupillate eye, lower-ones with transverse waved lines.
Inhabits *India*.
Cramer. tab. 184. *fig.* D. E. F. *Clerk. tab.* 45. *fig.* 3.
Eye on the *upper-wings* tripupillate each side.

Renatus. Wings very entire, both sides alike, black with a common white band; upper-pair with a tripupillate eye.
Inhabits *Surinam*. *Cramer Pap.* 28. *tab.* 326. *fig.* B.
Wings brown at the base and black at the tip, the eye black with 3 white dots: resembles the last.

Crassus. Wings very entire blue with numerous black streaks; upper-ones with a tripupillate spot above.
Inhabits *Surinam*.
Upper-wings with a black spot in the middle, containing 3 white dots, beneath shining blue with a black patch and tip: *lower-wings* blue both sides with numerous black waved streaks.

* *Hyperanthus.*

**Hyperanthus.* Wings entire brown; under-side of the upper-pair with 3 eyes, the lower-ones with 5, placed 2. 3.
Inhabits *Europe*. *Donovan.* viii. *tab.* 271. *Lewin. tab.* 20.
All the *wings* above edged with yellow with sometimes a yellow dot or two; beneath chesnut-brown edged with yellow, the eyes black with a yellow ring and white pupil.

Clerimon. Wings slightly scalloped; upper-pair with a black eye above, all of them with 4 minute eyes beneath.
Inhabits——*Jones Fig. pict.* 4. *tab.* 15. *fig* 1.
Upper-wings with a large eye above, the iris yellow pupil white: *lower-wings* with 2 small eyes, the pupil white.

Zachæus. Wings entire brown with 2 eyes above; under-side of the upper-pair with 4, of the lower-ones with 6 eyes.
Inhabits——*Jones Fig. pict.* 4. *tab.* 15. *fig.* 2.
All the *eyes* with a white pupil.

Ethus. Wings very entire brown; upper-pair with a bipupillate eye; lower-ones with 3 eyes above, beneath black with a white dot in the middle.
Inhabits *Lapland*, on the highest mountains.
Hind-margin of all the *wings* with cinereous dots: *upper-wings* with 3 eyes, the first with 2 small pupils the others blind, beneath with 2 eyes the first with 2 pupils the other blind.

Oeäippus. Wings very entire, above black immaculate, beneath brown with about 3 eyes on the upper and 5 on the lower-ones.
Inhabits *Russia*; size of P. Hyperanthus.
Antennae annulate with white and black, the club ferruginous: *under-wings* with 5 eyes beneath, the pupil silvery, and marked with a marginal silvery streak.

Zangis. Wings very entire brown; all of them beneath with a single eye, that on the upper-ones bipupillate.
Inhabits *Carolina*. *Cramer Pap.* 28. *tab.* 325. *fig.* A. B.
Upper-wings beneath with darker streaks and a large black eye with a yellow ring and double snowy pupil: *lower-wings* subferruginous at the tip with a black dot at the angle of the tail; beneath brown with 2 waved streaks, the tip paler waved with brown and with 4 snowy specks, a small black eye with a yellow ring and white marginal pupil.

Leccien. Wings entire, above brown immaculate; lower-ones beneath with yellow streaks and 3 oblong eyes.
In the British Museum.

Areolatus. Wings very entire, above brown immaculate; beneath with a common teſtaceous ſtreak margin and circles, on the upper-pair 4 eyes, on the lower-ones 6 the middle-ones elongated.
Inhabits *Georgia. Smith's lepidopt. Inſ. of Georgia.*
This is probably the ſame or a mere-variety of *P. Canthus.*

Sofybius. Wings very entire, above brown immaculate; under-ſurface of the upper-ones with 5 eyes, of the lower-ones with 6, the middle-ones blind.
Inhabits—— *Jones Fig. pict.* 6. *tab.* 56. *fig.* 2. Small.
All the *wings* beneath paler with 2 common ferruginous ſtreaks and a lunule between them.

Perſeus. Wings very entire brown; under-ſide of the upper-ones with 3 ocellar ſpots, of the lower-ones with 7.
Inhabits *New Holland. Jones Fig. pict.* 6. *tab* 49. *fig.* 1.
Body brown immaculate: *upper-wings* ſometimes immaculate, ſometimes a ſmall eye with a white pupil before the tip: all of them brown at the baſe and paler at the tip on the under-ſide.

Martius. Wings very entire black; under-ſide of the upper-pair with 4, of the lower-ones with 7 ocellar ſpots.
Inhabits——*Jones. Fig. Pict.* 6. *tab.* 49. *fig.* 1.

Terminus. Wings entire brown with a rufous patch, upper-pair with a ſingle eye above, lower-ones with 4.
Inhabits *New Holland.* In the muſeum of Sir Joseph Banks.
Pupil of the eye on the *upper wings* white, beneath brown at the baſe, the tip pale with 5 nearly obſolete eyes and a brown ſtreak before the margin: eyes on the *lower-wings* black with ferruginous iris and white pupil, beneath brown at the baſe with a darker ſtreak and paler tip, 6 eyes placed 2,3,6. before the margin a waved brown ſtreak.

Sirius. Wings very entire dull rufous; upper-pair with 2 eyes above, lower-ones with 4.
Inhabits *New Holland.* In the muſeum of Sir *Joſeph Banks.*
Upper-wings browniſh at the tip with 2 ferruginous eyes, the iris brown ſurrounded with a black ring, the *pupil* white; beneath glaucous with a ferruginous ſtreak and 2 curves, the tip darker with 6 eyes: *lower-wings* with a brown margin and darker ſtreaks; beneath glaucous at the baſe with 2 ferruginous curves and ſtreak in the middle, the tip darker with 7 eyes.

Cornelius. Wings very entire dull cinereous; lower-ones with 4 approximate eyes.
Inhabits

Inhabits—— *Jones Fig. pict.* 6. *tab.* 49. *fig.* 2.
Wings beneath a little paler waved with brown, lower-ones with 4 marginal approximate black eyes with a filvery pupil.

Davus. Wings very entire fulvous; upper-pair with an eye and white bands beneath, lower-ones with 6 eyes.
Inhabits *Germany. Esp. Pap. tab.* 54. *fig.* 3.
Male with the eyes above obfolete.

**Pamphilus* Wings very entire yellow; under-fide of the upper-ones with a fingle eye, of the lower-ones cinereous with a band and 4 obliterated eyes.
Inhabits *Europe. Ernft tab.* 29. *fig.* 56. *Lewin. tab.* 23. *fig.* 3.4.
Larva greenifh with a whitifh dorfal line, tail 2-toothed: *pupa* green.

* *Arcanius.* Wings very entire ferruginous; under furface of the upper-ones with a fingle eye, of the lower-ones with 5 the firft feparated by a band.
Inhabits *Europe. Ernft. Inf. Europ. tab.* 29. *fig.* 57.
Larva green with darker dorfal lines and lateral yellow ones, tail 2-toothed.

Leander. Wings very entire browniſh; lower-pair beneath cinereous with fulvous tip and 6 eyes
Inhabits *Sourthern Europe. Esp. Pap. tab.* 89. *fig.* 5.
Wings of the *male* brown, *female* upper-ones fulvous lower ones brown with an eye or two or none in the upper and 4 or 5 in the lower-ones.

Sabæus. Wings entire brown; upper-pair with 4 blind eyes above and 6 pupillate ones beneath.
Inhabits *Europe. Esp. Pap. tab.* 22. *fig.* 4.
Lower-wings fulvous at the tip with an indented white band, then 6 black eyes with a white pupil and laſtly a filvery ſtreak.

* *Hero.* Wings very entire fulvous; under-furface of the upper-pair with a fingle eye, of the lower-ones with 6.
Inhabits *Europe. Donovan. tab.* 186. *Lewin. tab.* 23. *fig.* 5. 6.
Wings with a few marginal ſpots above and a yellow band beneath before the eyes.

Arctous. Wings very entire brown; upper pair with a bipupillate eye both ſides; lower-ones above nearly blind.
Inhabits *New Holland.* In the muſeum of Sir *Joſeph Banks.*
Small brown. *Upper-wings* with a large black eye, the iris fer-

ruginous

ruginous and double pupil white: *lower-wings* with a minute eye, beneath grey with a larger eye.

Phryneus. Wings entire above white, beneath brown with white veins and 5 eyes.
Inhabits *Ruſſia. Eſp. Pap. tab.* 89. *fig.* 3. 4.
Body ſmall white: *wings* with 5 eyes near the margin beneath, the pupil white.

Hypheus. Wings entire both ſides alike, white with brown bands; upper-pair with a black eye, lower-ones brown.
Inhabits *Eaſt India. Cramer Pap.* 8. *tab.* 92. *fig.* 6.
Wings with 4 brown bands, the laſt terminal, the eye on the upper-ones in the firſt band with a yellow iris.

Baldus. Wings very entire brown; upper-pair with an eye on each ſurface, the pupil double; lower-ones with 4 eyes above and 6 beneath.
Inhabits *India*; ſmall. In the muſeum of *Dr. Hunter.*
All the *wings* with brown and cinereous waves beneath: eye on the upper-pair black with a ferruginous iris and double ſilvery pupil: *lower-wings* with 4 black eyes above, the iris ferruginous pupil ſilvery, beneath with 6 eyes in approximate pairs.

Magus. Wings very entire dull fulvous: upper-pair with an eye each ſide, the pupil double; lower-ones with 2 eyes above and 3 beneath.
Inhabits——*Jones Fig. pict.* 4. *tab.* 33. *fig.* 1.
Body ſmall brown: *upper-wings* brown on the hind-margin and before the margin a large black eye with a double white pupil, both ſides nearly alike: *under-wings* variegated beneath.

Dromus. Wings very entire black; upper-pair with the diſk rufous in which is a double eye.
Inhabits *Italy*; ſmall.
Lower-wings above immaculate beneath cinereous.

Eumenus. Wings very entire half brown; upper-ones with a black tripupillate eye on both ſurfaces.
Inhabits *Weſt India. Cramer Pap.* 8. *tab.* 92. *fig.* F. G.
Upper-wings blue on the inner margin, the tip with 3 darker bands, a large black eye with 3 white pupils in the middle: *lower-wings* blue, the inner margin brown with 3 black bands towards the tip: under-ſide of all brown at the baſe, the tip white with black bands and all of them with a black eye, that on the upper-pair tripupillate on the lower blind.

Ephyres.

Ephynes. Wings very entire blue with purple bands; upper-pair with an eye each side which is tripupillate beneath.
Inhabits *Surinam. Cram. Pap. tab.* 39. *fig.* E. F.
Wings above blue with 4 purple bands at the tip, the eye in the middle of the upper-ones with a white pupil: beneath brown with yellow bands, the eye on the upper-ones with 3 white pupils.

Tullius. Wings very entire dull cinereous; upper-pair brown at the tip with a tripupillate eye each side.
Inhabits *Cayenne*: small.
Upper-wings with waved yellowish streaks at the tip and a large black eye with 3 blue pupils: *lower-wings* with yellowish blotches and brown streaks at the tip.

Actæa. Wings scalloped above brown; upper-pair with 2 eyes and 2 white dots; lower-ones marbled beneath.
Inhabits *Russia. Esp. Pap. tab.* 85. *fig.* 4.
Lower-wings with a black dot or two at the angle of the tail beneath.

Fidia. Wings indented above brown; upper-pair with 2 eyes and 2 white dots, lower-ones with an angular black streak beneath.
Inhabits *Africa. Esp. Pap.* 1. *tab.* 49. *fig.* 3.
Eyes on the *upper-wings* at the outer margin with the white dots between them: *lower-wings* varied with brown and white with an angular black streak.

Ferula. Wings scalloped black; under-side of the upper-pair with 2 eyes, of the lower-ones with cinereous bands.
Inhabits *Italy*; size of P. actæa.
Male with the wings above immaculate, *female* with 2 small black eyes the pupil white and 2 minute white dots between on the upper-ones, a black ocellar spot on the lower-ones: beneath all of them blackish with 2 black eyes the pupil white and iris ferruginous and 2 white dots between them on the upper-ones.

Cordula. Wings indented brown; upper-pair with 2 eyes and 2 white dots both sides, lower-ones with 2 black dots.
Inhabits *Italy*; size of the former-ones.
All the *wings* with an obsolete rufous band; upper-ones beneath with a ferruginous disk, lower-ones grey beneath with 2 cinereous bands and 2 black dots at the angle of the tail.

Fauna.

Fauna. Wings intented above brown; upper-pair with 2 eyes and 2 white dots, lower-ones grey beneath.

Inhabits *Germany*. *Esp. Pap. tab.* 63. *fig.* 1.

Upper-wings with 2 eyes, the iris yellowish, sometimes blind, with 2 dots between them; *lower wings* with an obsolete white dot or two and a distinct black one.

Feronia. Wings indented marbled with blue brown and white on the upper-surface, all of them with 6 eyes.

Inhabits *East Ind.a*. *Cramer. Inf.* 16. *tab* 192 *fig.* E. F.

The *eyes* have a white pupil above and are blind beneath.

**Mæra.* Wings indented brown; upper-pair with an eye including a lesser-one both sides, lower-ones with 3 eyes above and 6 beneath.

Inhabits *Europe*. *Esp. Pap. tab.* 6. *fig.* 2.

Larva a little hairy greenish with a forked tail: *pupa* greenish obtusely bifid, the sides spinous.

Is subject to a few inconsiderable varieties.

Roxelana. Wings indented brown, above blind; lower-ones waved beneath with 7 eyes, the inner-one with a double pupil.

Inhabits *Asia*. *Cramer.* 14. *tab.* 161. *fig.* C. D. E. F.

Upper-wings above brown with a fulvous disk and yellow spots, beneath with a black eye, the pupil white: *lower-wings* with 3 eyes the pupil fulveus, beneath grey waved with brown with 7 black eyes, the iris yellow pupil white, the last with a double pupil.

Proserpina. Wings indented fulvous: upper-pair black at the tip with yellow dots; lower-ones marked beneath with 4 eyes, the middle ones blind.

In the Museum of *Sr. Jos. Banks*. *Jones tab.* 24. *fig.* 1.

Lower-wings with an interrupted black marginal streak: lower-side of the *upper wings* yellow at the base spotted with black, the tip black spotted with white; *lower-wings* beneath marbled with 4 eyes, 1 fulvous with a black iris, 2. 3. blind, 4 black with fulvous iris and black pupil.

Lycæon. Wings indented: upper-pair brown and spotted with yellow and white; lower-ones ferruginous with 6 blind eyes beneath variegated with 8 eyes,

Inhabits——*Jones Fig pict.* 4. *tab.* 17. *fig.* 1.

Body brown; sides of the *abdomen* fulvous: *upper-wings* with a blind black eye the iris rufous; beneath yellow at the base spotted with brown, the tip brown with 3 white spots and 2 black eyes with yellow iris, the fore-one with a white pupil the other blind, besides these a yellow marginal streak: *lower-wings* dusky at the base with a line of 5 yellow spots, the tip rufous

rufous with 6 eyes; beneath varied with yellow and brown, 8 black eyes with yellow iris and blue pupil.

Alope. Wings indented brown: upper-pair with a yellow band each side and 2 eyes; lower-ones with a single eye above and 6 beneath.

Inhabits *India.* *Jones Fig. pict.* 4. *tab.* 12. *fig.* 1.

Both surfaces of the *upper-wings* alike with 2 black eyes in the band, the pupil white: *lower-wings* beneath dusky speckled with brown, the eyes with a white pupil.

Clueria. Wings indented brown; lower-ones with a blue band in which are 5 black eyes, a brown band beneath with 5 eyes.

Inhabits——— *Jones Fig. pict.* 4. *tab.* 9. *fig.* 2.

Wings brown with 2 darker streaks, beneath pale ash with a brown streak at the base, towards the margin a broad brown band in which the eyes are placed.

Laches. Wings indented brown with a blue band beneath; upper-pair with 5 eyes, lower-ones with 6.

Inhabits *Guiana.* *Jones Fig. pict.* 3. *tab.* 81. *fig.* 2.

Wings immaculate above, beneath with a broad blue band in which are placed the eyes.

Herse. Wings intented rusty-brown; upper-pair dotted with white, lower-ones with 7 blind eyes each side.

Inhabits——— *Jones Fig. pict.* 4. *tab.* 7. *fig.* 2

Body rusty-brown: *upper-wings* with a band of 6 white spots behind the middle and 4 white dots at the tip, beneath paler: *under-wings* with 7 black eyes with ferruginous iris, 2 and 3 with a ferruginous pupil the rest blind; beneath paler with 7 blue eyes the iris yellow with a black ring.

Dejanira. Wings indented brown; upper-pair with 5 eyes each side, lower-ones with 6 and a white scalloped band.

Inhabits *Germany.* *Esp. Pap.* 1. *tab.* 9. *fig.* 2.

Larva hairy green with pale lines, the tail bifid.

Pegala. Wings indented brown; upper-pair with a rufous band and single eye, lower-ones with an eye above and 6 beneath.

Inhabits *America.* In the Museum of Dr. *Hunter.*

Upper-wings with a single eye, the pupil white: *lower wings* above brown with a black eye, the iris fulvous pupil white; beneath variegated with 6 black eyes, the iris ferruginous pupil white, 3 of them connected at the thinner margin the fifth very large. Varies in the number and figure of the eyes.

Briseis.

Briſtis. Wings indented brown with a green gloſs and white band; upper-ones with 2 eyes, lower-ones blind.
Inhabits *Germany*. *Eſp, Pap.* 1. *tab.* 26, *fig.* 1. 2.
The *eyes* are ſometimes wanting on the upper-ſurface.

Manto. Wings ſlightly indented brown with 4 ocellar dots on the upper and 3 on the lower-wings, under-ſurface of the latter cinereous with brown waves.
Inhabits *Auſtria*; middle-ſized.
Antennae above brown beneath whitiſh, the club ferruginous: *wings* above brown with a blue gloſs, the eyes with a ferruginous disk beneath, lower-ones beneath cinereous with 2 waved brown ſtreaks and 2 dots.

Autonoe. Wings indented brown ſubfaciate with yellow and 2 pupillate eyes; upper-ones brown at the baſe beneath.
Inhabits *Ruſſia*. *Jones Fig. pict.* 4. *tab.* 47. *fig.* 2.
Wings above brown, upper-pair with a macular yellowiſh band, lower-ones with a whitiſh ſtreak: all of them with 2 black eyes the pupil white: *upper-wings* beneath with a broad yellow band and 2 eyes, the firſt of which is pupillate:

Alcyone. Wings indented brown with yellow bands; upper-pair with 2 eyes each ſide, lower-ones marbled beneath.
Inhabits *Ruſſia*, *Eſp. Pap. tab.* 84. *fig.* 4.
Band on the *wings* large and ending in a black ſtreak: *upper-wings* yellowiſh beneath with black ſtreaks.

**Semele.* Wings indented brown with a macular fulvous marginal band in which are 2 eyes; upper-pair with a fulvous diſk at the baſe beneath.
Inhabits *Europe*. *Donovan. tab.* 259. *Lewin. tab.* 17.
Eyes on the *upper-wings* black with a white pupil, the hinder-one doubled on the upper ſurface: *under-wings* with a ſmall eye near the inner margin, beneath marbled and darker on the inner baſe.

Arethuſa. Wings indented above brown with a macular rufous band; upper-pair with a ſingle eye on each ſurface.
Inhabits *Germany*. *Eſp. Pap. tab.* 69. *fig.* 3. 4.
Upper-wings with a large black eye the pupil ſnowy, beneath ferruginous on the diſk in which is a large pupillate eye; *lower-wings* beneath brown at the baſe and grey at the tip.

Hermione. Wings indented brown with a pale band; upper-pair with 2 eyes above and one beneath.
Inhabits *France* and *Germany*. *Schæff. Icon. tab.* 274. *f.* 5. 6.
Lower-wings with a ſmall eye ſometimes each ſide: *larva* grey with black dorſal line and bifid tail.

Circe.

Circe. Wings indented brown with a white band on both ſurfaces; upper-pair with a ſingle eye.
Inhabits *Europe*. *Eſp. Pap. tab.* 39. *fig.* 2.
Larva naked with brown white and yellow lines, tail bifid.

**Phædra.* Wings indented brown, both ſides alike; upper-pair with 2 violet eyes.
Inhabits *Europe*. *Eſp. Pap. tab.* 40. *fig.* 1. 2.
Larva grey with 2 dorſal lines of black ſpots, tail bifid.

Periboea. Wings indented brown; upper-pair with an obſolete eye, a yellowiſh ſtreak beneath: lower-ones with ocellar black dots.
Inhabits *Surinam*; middle-ſized.
Upper-wings with a large black eye at the inner-margin, the iris yellowiſh pupil white, beneath grey with a yellowiſh ſtreak and 2 very minute white dots: *lower-wings* with a ſmall eye and ſtreaked margin, beneath grey with a yellowiſh ſtreak and 5—6 ſmall black ocellar dots.

Delila. Wings ſcalloped brown: upper-pair with a ſmall eye; under-ſide of the upper-ones with 2 eyes, of the lower-ones with 6, the fourth larger.
Inhabits *Guinea*; middle-ſized.
Antennæ brown, the club ferruginous at the baſe and tip: all the *wings* cinereous beneath with a common white band in the middle, lower-ones with 6 eyes 3. 3. approximate.

Ligea. Wings indented brown with a rufous band; upper-pair with 4 eyes lower with 3 on each ſurface; all ſpotted with white beneath.
Inhabits *Europe*. *Eſp. Pap. tab.* 42. *fig.* 1. 2.
Larva hairy green with a black dorſal line, head yellow, tail bifid.

Bathſeba. Wings ſcalloped brown with the diſk ferruginous; upper-pair with a bipupillate eye both ſides, lower-ones beneath brown with a white band.
Inhabits *Barbary*; ſize of the laſt.
Antennæ brown annulate with white: *lower-wings* with 3 or 4 black dots with white pupil on the diſk, beneath with a few eyes behind the band.

Meduſa. Wings ſlightly ſcalloped brown, both ſurfaces alike, all of them with a yellow macular band and about 4 eyes.
Inhabits *Auſtria*. *Eſp. Pap.* 1. *tab.* 7. *fig.* 2.

All the *wings* with a macular band before the margin and in this a few eyes with black iris and white pupil.

Epiphron. Wings entire black with a red band; upper-pair with 2 eyes above and 3 beneath, lower-ones with 3 above and 5 beneath.
Inhabits *Germany*. *Knoch. Beytr.* 3. *tab.* 6. *fig.* 1.
Body black: *antennæ* beneath white: band on the *upper-wings* very much abbreviated, the number of eyes various.

Elandina. Wings indented brown with a rufous ocellate band; lower-ones brown beneath with a cinereous band.
Inhabits *Germany*. *Esp.* 25. *fig.* 3. 63. *fig.* 1.

Griela. Wings slightly indented black; upper-pair with 4 connected spots each side.
Inhabits the highest mountains of *Lapland*.
All the *wings* above shining black; upper-ones with 4 small connected blind eyes, beneath the same: lower-ones beneath pale ash at the tip with a waved black streak or two.

Afra. Wings entire brown with 6 eyes; lower-ones covered with cinereous down.
Inhabits *Russia*. *Esp. Pap. tab.* 82. *fig.* 4. 5.
Club of the *antennæ* hollowed beneath: lower surface of the *upper-wings* black with a ferruginous patch at the base and 5 or 6 eyes, of the *lower-wings* brown with cinereous veins and 6 or 7 eyes.

Erina. Wings indented brown with a macular fulvous band and ocellar black dots.
Inhabits *Germany*. *Esp. Pap. tab.* 70. *fig.* 2. 3.
Eyes on the *wings* blind; lower-ones cinereous beneath with a darker band.

Arachne. Wings entire black; upper-pair with a rufous band each side containing 2 eyes: lower-ones with an indented cinereous band beneath.
Inhabits *Austria*; size of the last.
All the *wings* black with a blue gloss: *lower-wings* with sometimes an ocellate dot or two above: *antennæ* above black beneath white.

Pyrrha. Wings entire brown with a red band which is dotted with black on upper-pair and macular on the lower-ones.
Inhabits *Austria*; something less than P. Ligea.
Antennæ above black beneath white.

Cassiope.

Caſſiope. Wings entire brown with a rufous band containing 3 ocellar black ſpots; lower-ones with only dots beneath.
Inhabits *Anſtria*; leſs than the laſt: black.
Antennæ above black beneath pale: *lower-wings* with 3 dots beneath but without the band.

Arete. Wings entire brown with a rufous band: lower-ones with a ſtripe of white dots each ſide.
Inhabits mountainous parts of *Auſtria*.
Body black: *abdomen* beneath grey: *upper-wings* with about 3 ocellar dots in the band above, the disk beneath ferruginous with 3 ocellar white dots: *lower-wings* with 4 diſtinct white dots in the band above, beneath greeniſh-grey with a line of 7 white dots.

Salome. Upper-wings brown with a rufous band containing a ſingle eye; lower-wings with 3 eyes, beneath an indented white ſtreak and 5 eyes.
Inhabits *Gibraltar*. *Eſp. Pap. tab.* 67. *fig.* 4.
Lower-wings beneath black with a white ſtreak behind which are 5 ſmall eyes, the pupil white.

**Galathea.* Wings indented varied with brown and yellowiſh-white; under-ſuaface of the upper-ones with a ſingle eye, of the lower-ones with 5.
Inhabits *Europe*. *Donovan. tab.* 258. *Lewin. tab.* 28.
Under-ſide of the *upper-wings* with a ſingle eye near the outer margin, of the *lower-wings* with 5, the laſt doubled.
Larva depreſſed yellowiſh with a dark line down the back and ſides: *pupa* blueiſh with 2 roſy prickles at the tail.

Arge. Wings indented white ſtreaked with black; upper-pair with a ſingle eye, lower-ones with 5.
Inhabits *Ruſſia*. *Eſp. Pap. tab.* 84. *fig.* 1. 2.
Upper-wings with a ſmall eye which is blind above: *lower-wings* with 5 pupillate ones each ſide.

Liria. Wings ſlightly indented cinereous with brown waves; upper-pair with a white band, lower-ones with 4 ocellar white dots.
Inhabits *India*. *Jones Fig pict.* 2. *tab.* 23. *fig.* 2
Lower-wings with 4 white dots annulate with brown: all the *wings* yellowiſh beneath.

Pilojellæ. Wings indented brown with a yellow diſk; upper-pair with a black eye and double pupil each ſide, lower-ones with ſnowy ocellar ſpots beneath.

Inhabits *Germany*. *Sepp. Inf.* 2. 21. *tab.* 3.
Larva greeniſh with white lines, head brown.

Ida. Wings ſlightly indented brown with a yellow diſk; upper-pair with a black bipupillate eye each ſide, lower-ones varied with grey beneath.
Inhabits *Europe*. *Schæff. Icon. tab.* 213. *fig.* 1. 2.

Meluſina. Wings indented brown with a white diſk; lower-ſurface whitiſh with 2 eyes on the upper-pair and 7 on the lower-ones.
Inhabits *Sierra Leona*: ſmall.
Antennæ above black beneath cinereous.

Cadma. Wings indented fulvous; lower-ones beneath white on the diſk with 2 eyes, the pupil double blue.
Inhabits *America*. *Drury. Inf.* 2, *tab.* 18. *fig.* 1. 2.
Tip of the *upper-wings* black with fulvous ſpots, a white ſpot at the tip beneath; *lower-wings* with an obſolete brown marginal ſpot, the white disk incloſed by a ferruginous ſtreak each ſide, the iris of the eye brown.

**Janira.* Wings indented brown; upper-pair beneath yellow with a ſingle eye each ſide, lower-ones with 3 dots beneath. *(Male.)*
Wings indented brown; upper pair with a yellow patch including a ſingle eye each ſide. *(Female.)*
Inhabits *Europe*, *Lewin. tab.* 18. *Albin. tab.* 53.
Lower-wings browniſh at the baſe with a few black ſtreaks, the middle white and bordered with pale yellow.
Larva hairy green with a white lateral line, the tail bifid: *pupa* pale with black dots.

Clymene. Wings indented brown with a ferruginous patch; lower-ones with about 3 eyes above and 7 beneath.
Inhabits *Ruſſia*. *Eſp.* 85. *fig.* 1. 2. 3.
Upper-wings with an eye each ſide which is pupillate beneath; *lower-wings* with 4 fulvous ſpots including 2 or 3 blind eyes.

Miriam. Wings indented brown, beneath cinereous with 2 eyes on on the upper-pair and 7 on the lower.
Inhabits *India*. *Jones. tab.* 32. *fig.* 2. *Cramer, tab.* 204. C. D.
Wings cinereous beneath with black waves, the eyes black with yellow iris and black pupil.

Eudora.

Eudora. Wings indented brown; upper-pair with a ferruginous disk each side, containing a single eye in the male and 2 in the female.
Inhabits *Germany*. *Esp. Pap.* 1 *tab.* 69 *fig.* 1. 2.
Lower-wings beneath dull grey immaculate.

Tabitha. Wings indented black; upper-pair with a single eye; all of them paler beneath with a streak of ocellate dots.
Inhabits *East India*.
Upper wings with a small black eye, the pupil white.

Tisiphone. Wings indented brown; upper-pair with 2 eyes each side, lower-ones with 6, the pupil of all violet.
Inhabits *Germany*. *Naturf.* 6, 18. *tab.* 1. *fig.* 1, 2.
Upper-wings with a short yellow band; lower-surface of all of them alike, the eyes with a yellow iris.

Halyma. Wings indented, above brown immaculate, beneath with yellow bands; upper-pair with 5 eyes lower with 7.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 51. *fig.* 2.

Rumina. Wings indented variegated; upper-pair with 6 red dots above, lower-ones with 4
Inhabits *Southern Europe*. *Esp. tab.* 72. *fig.* 4.

Flegia. Wings indented, both sides alike, fulvous with numerous brown dots.
Inhabits *Cayenne*. *Wings* paler beneath.

Allica. Wings indented, both surfaces nearly alike, obscure fulvous with numerous black spots each including a white one.
Inhabits *Siam*. *Cramer Inf.* 44. *tab.* 280. *fig.* E. F.
Antennæ black annulate with white, the club black with a fulvous tip: *body* brown.

Melicerta. Wings indented, both sides alike, black dotted with white; upper-pair with a common white interrupted band.
Inhabits *Africa*. *Cram. tab.* 296. *fig.* E. F. *t.* 327. *f.* A.B.&E.F.
Antennæ black, the club ferruginous at the tip: *thorax* black dotted with white: *lower-wings* dotted with white at the margin.

Aceris. Wings indented with black bands; above black beneath fulvous.
Inhabits *Europe* and *Asia*. *Esp. tab.* 82: *fig.* 1. *tab.* 81. *fig.* 3, 4.

Aceſte. Wings ſcalloped; upper-pair black with a yellow band and baſe, lower-ones yellow with brown bands beneath.
Inhabits *India*. *Cramer Inſ.* 14. *tab.* 121. *fig.* E. F.
Lower-wings fulvous dotted at the margin.

Sulpitia. Wings indented, black with a common white band, lower-ones yellowiſh beneath with black dots at the baſe, a white band in the middle and dots at the tip.
Inhabits *India*. *Jones Fig. pict.* 5. *tab.* 30. *fig.* 1.
Upper-wings the ſame colour beneath: *lower-wings* beneath yellow at the baſe dotted with black, then white, afterwards fulvous with black ſtreaks and a row of white dots.

Sibilla. Wings indented, above brown, beneath ferruginous ſpotted with black and a macular white band on both ſurfaces
Inhabits *Europe*. *Cramer Inſ.* 3. *tab.* 114. *fig.* C. D
Larva green with red head and ſpines: *pupa* green with gold ſpots, 2-horned before.

* *Camilla.* Wings indented dark-brown with a white band and dots each ſide; lower-ones ſilvery blue at the baſe.
Inhabits *Europe*. *Donovan.* viii. *tab.* 244. *Lewin. tab.* 8.
Very much reſembles the laſt. *Lower wings* with ſometimes 2 ferruginous eyes at the angle of the tail, beneath varied with brown and ferruginous and a line of black dots behind the white band.

Lucilla. Wings indented, above brown beneath cheſnut-brown, with a macular white band both ſides.
Inhabits *Auſtria*. *Eſp. Pap. tab.* 59. *fig.* 1. P. camilla.
Upper-wings with a white interrupted line from the baſe to the band: *lower-wings* with a white patch at the baſe and a line of white lunules behind the band.

Cœnobita. Wings indented black; upper-pair with a white ſtreak and ſpots; lower-ones with a white band above, beneath white with 4 brown bands and marginal ſpots.
Inhabits *India*. *Jones Fig. pict.* 5. *tab.* 27. *fig.* 2.
Body black: *abdomen* white at the baſe: *upper-wings* with a longitudinal white ſtreak and numerous ſpots and lines, beneath cheſnut-brown with the ſame marks: *lower-wings* with a white ſtreak band in the middle and 2 marginal curves.

Herſilia. Wings indented white with a fulvous border; lower-ones fulvous beneath 2 white bands and a dot in the middle.

Inhabits

Inhabits *America*. *Cramer. Inf.* 18. *tab.* 213. *fig.* F. G.
Upper-wings browniſh at the baſe, the tip fulvous with a black indented margin, beneath teſtaceous with a large white ſpot on the diſk and a few dots towards the tip: *lower-wings* edged with black with 7 obſolete white ſpots behind the laſt band, the edge black.

Sophia. Wings indented varied with yellow fulvous and black, the margin brown dotted with black with white lunules on the lower-ones.
Inhabits *India*. *Jones Fig. pict.* 4. *tab.* 91. *fig.* 2.
Body ſmall brown: *abdomen* with yellow dorſal lines: *upper-wings* rufous at the baſe with 2 tranſverſe yellow ſpots and edged with black, then yellow, then brown dotted with black and ſpotted with yellow: *lower-wings* brown at the baſe, yellow in the middle, the tip brown with 2 ſtreaks of black dots and one of white lunules.

Doriclea. Wings ſcalloped brown; lower-ones with a fulvous band dotted with black; and a black dot beneath.
Inhabits *India*. *Jones Fig. pict.* 4. *tab.* 71. *fig.* 1.
Body brown the ſides fulvous; *upper-wings* with darker ſpots in the middle and ſtreak behind: all variegated beneath.

Auge. Wings indented brown; upper-pair with 3 green bands; lower-ones with a fulvous band dotted with black, a black dot at the baſe beneath.
Inhabits *India*. *Jones Fig. pict.* 4. *tab.* 71. *fig.* 2.
Wings variegated beneath with ferruginous and blue.

Etheſia. Wings indented black with a yellow diſk; beneath varied with brown and yellow, the baſe dotted with black.
Inhabits *Africa*. *Jones Fig. pict.* 4. *tab.* 66 *fig.* 1.
Body black: all the *wings* brown at the tip beneath.

Narva. Wings indented black with a line of white dots behind; upper-pair with yellow ſpots, lower-ones with a yellow diſk.
Inhabits *Africa*. *Jones Fig. pict*, 4, *tab.* 67. *fig.* 1.
Body black dotted with white: *lower-wings* with a black dot or two on the yellow diſk, beneath a yellow macular ſtreak behind the white one.

Mardania. Wings indented fulvous; upper pair black at the tip with a white band; lower-ones with 4 ocellar yellow ſpots.
Inhabits *India*. *Jones Fig. pict.* 4. *tab.* 70. *fig.* 1.

Body

Body brown: *upper-wings* ſpotted with brown: *lower-wings* with 4 oblong yellow ſpots with a black pupil and an obſolete brown ſtreak near the margin: all the *wings* beneath greeniſh varied with brown, a brown band in the middle and a line of brown dots towards the margin.

Cecalia. Wings indented brown; upper-pair ſpotted with black and yellow; all of them grey beneath with a line of white dots.

Inhabits *India*. *Jones Fig pict.* 4. *tab.* 70. *fig.* 2.

Upper-wings with a line of obſcure ocellar ſpots towards the margin: *under-wings* with a line of ocellar ſpots near the thinner edge and a black ſtreak.

* *Lucina.* Wings indented brown with teſtaceous ſpots; lower-ones with 2 rows of whitiſh ſpots beneath.

Inhabits *Europe*. *Donovan. tab.* 242. *fig.* 2. *Lewin. t* 15. *f.* 3 4.

Antennæ ferruginous at the tip: *lower-wings* with a ferruginous band beneath near the margin including black dots.

* *Cinxia.* Wings indented fulvous with black ſpots; lower-ones with 3 whitiſh bands dotted with black beneath.

Inhabits *Europe*. *Donovan. tab.* 241. *fig.* 1. *Lewin. t.* 14. *f.* 3.4.

Upper-wings whitiſh at the tip beneath.

Larva ſpinous black with a lateral line of white dots, *head* and *legs* red: *pupa* pale brown with rows of fulvous dots.

Phœbe. Wings indented varied with black and fulvous; lower-ones beneath yellowiſh waved with black, the baſe with 4 black ſpots, and 2 fulvous bands the hinder-one compoſed of ſpots.

Inhabits *Europe*. *Eſp. Pap. tab.* 25. *fig.* 2.

Antennæ annulate with white and black, the club ferruginous with a brown ring: *upper wings* blackiſh with numerous black ſpots, the margin with white ſpots; beneath fulvous ſpotted with black, the tip yellow waved with black: *pupa* cheſnut ſpotted with white.

Didyma. Wings indented fulvous (cinereous) ſpotted with black; lower-ones beneath yellow dotted with black, with 2 continued fulvous bands.

Inhabits *Ruſſia*. *Eſp. tab.* 41. *tab.* 61. *fig.* 1.

Sides of the abdomen dotted with black: firſt band on the *lower-wings* nearly doubled.

Faſcelis.

Faſcelis. Wings indented varied with fulvous and brown; lower-ones beneath white dotted with black, with 2 fulvous bands the lower compoſed of lunules.
Inhabits *Ruſſia. Eſp. Pap. tab.* 88. *fig.* 3, 4.

Athulia. Wings ſcalloped fulvous dotted with black; lower-ones beneath white dotted with black, with 2 fulvous bands.
Inhabits *Ruſſia. Eſp Pap. tab.* 88. *fig.* 5, 6. very ſmall.
Upper-wings beneath fulvous ſpotted with black, the tip white ſpeckled with black: *lower-wings* white with numerous ſtreaks of black dots and 2 fulvous bands, the firſt compoſed of 3 ſpots.

Hylla. Wings indented fulvous ſpeckled with black; lower-ones brown at the baſe, beneath whitiſh.
Inhabits the *Eaſt. Cramer Inſ.* 4. *tab.* 43. *fig.* B. C.
Lower-wings brown at the baſe above and fulvous at the tip; beneath whitiſh at the baſe and fulvous at the tip.

* *Dictynna.* Wings indented black with fulvous ſpots; lower-ones beneath fulvous with white ſpots at the baſe and band in the middle, the tip with yellow lunules.
Inhabits *Europe. Lewin. tab.* 14. *fig.* 5, 6. *Eſp. tab.* 48. *fig.* 2.

Cynthia. Wings indented black with fulvous and yellow bands: lower-ones beneath fulvous with yellow bands.
Inhabits *Auſtria. Eſp. Pap. tab.* 37. *fig.* 3.
Upper-wings beneath pale fulvous with a few black waves: *lower-wings* with a ſtreak of 5 dots between the laſt bands.
Male darker above with a few white ſpots.
Larva ſpinous black with 2 yellow dorſal lines and lateral yellow dots, *head* blueiſh: *pupa* pale ſpotted with black and yellow.

* *Maturna.* Wings indented varied with fulvous and black; lower-ones beneath with yellow bands and waved black ſtreaks, the baſe impunctured.
Inhabits *Europe. Wilkes Pap.* 58. *tab.* 2. a. 9.
Larva ſpinous black dotted with white the ſpines yellowiſh: *pupa* greeniſh ſpotted with black.

Arduinna. Wings indented fulvous ſpotted with black: lower-ones beneath white with 2 fulvous bands, the lower ſpeckled with black.
Inhabits *Ruſſia. Eſp. Pap. tal.* 87. *fig.* 4.
Margin of the *wings* black with a white fringe.

Hecate. Wings indented fulvous ſpotted with black; all of them with 2 ſtreaks of black dots at the tip.
Inhabits *Auſtria*; middle-ſized.
Margin of the *wings* black with fulvous lines and white fringe: *lower-wings* beneath yellow at the baſe with a fulvous band, the margin black, then varied with fulvous and yellow with 2 ſtreaks of black dots.

* *Artemis.* Wings indented fulvous variegated with black; lower-ones with a ſtreak of black dots each ſide.
Inhabits *Europe* *Lewis's Engliſh Butterflies. tab.* 15.
Wings above fulvous with black waves, beneath paler: lower-ones fulvous with 2 yellow bands.

Amathuſia. Wings indented fulvous with black ſpots and a punctured ſtreak; lower-ones variegated beneath, a black dot at the baſe and a ſtreak of them at the tip.
Inhabits *Ruſſia. Eſp. Pap. tab.* 88. *fig.* 1, 2.
All the *wings* with a ſtreak of diſtinct black dots.

* *Dia.* Wings fulvous ſpotted with black; lower-ones beneath purple, the baſe with yellow and ſilvery ſpots and an obſolete ſilvery band in the middle.
Inhabits *Europe. Eſp. tab.* 16. *fig.* 4. *Kleeman. tab.* 40.
Lower-wings with a row of 6 black dots towards the tip, the 2 middle-ones ſlightly pupillate.
Larva grey with alternate rows of white and ferruginous ſpines: *pupa* yellowiſh variegated with black.

Dryope. Wings indented brown with rufous ſpots, the tip fulvous; beneath with rufous ſpots ſurrounded with a white ring.
Inhabits *Sierra Leona. Cramer.* 7. *tab.* 78. *fig.* E. F.
Wings beneath greeniſh at the baſe, the tip paler with a white waved ſtreak.

* *Levana.* Wings denticulate variegated; beneath reticulate; upper-ones with a few white ſpots above.
Inhabits *Europe. Eſp. Pap.* 1. *tab.* 15. *fig.* 2.
Larva gregarious ſpinous black, *legs* rufous, *head* 2-ſpined.

Prorſa. Wings indented brown, beneath reticulate with white; upper-pair with a white interrupted band each ſide.
Inhabits *Europe. Eſp. Pap.* 1. *tab.* 15. *fig.* 3.
Larva gregarious ſpinous variegated with fulvous and brown, head ſpinous: *pupa* toothed, above brown beneath paliſh.

Pandora.

Pandora. Wings indented fulvous ſpotted with black; lower-ones beneath ſcarlet immaculate.

Inhabits ——*Jones Fig. pict.* 4. *tab.* 32. *fig.* 1.

Body black with a ſanguineous collar: *upper-wings* with a tranſverſe ſcarlet ſpot in the middle: *lower-wings* with a ſtreak of black dots at the tip.

Pales. Wings ſlightly indented fulvous with black baſe and ſpots; lower-ones beneath nut-brown and variegated with yellow and ſilvery.

Inhabits *Auſtria. Eſp. Pap. tab.* 56. *fig.* 4. 5.

Upper-wings beneath with a few black lunules and dots and 2 ſpots at the tip: *lower-wings* with ſilvery ſpots at the baſe, then nut-brown with a ſmall ſilvery dot, then with a large ſinuate obſolete yellow band in which are 2 ſilvery ſpots, afterwards nut-brown with a few ſilvery ſpots, and laſtly varied with yellow on the margin with 6 or 7 ſilvery dots.

Daphne. Wings indented fulvous ſpotted with black: lower-ones beneath yellow with rufous veins, the tip ſilvery ferruginous.

Inhabits *Auſtria*, on the Rubus idæus.

Lower-wings beneath nut-brown with a ſilvery gloſs and a few ocellar brown dots.

Larva ſpinous brown with whitiſh lines, the ſpines yellow: *pupa* greeniſh with many teeth beneath.

Heliconii.

Horta. Wings entire red, upper-ones hyaline at the tip; lower-ones beneath whitiſh dotted with black.

Inhabits *Africa. Cramer Pap.* 25. *tab.* 298. *fig.* F. G.

Quirina. Wings entire hyaline; diſk of the upper-pair fulvous ſpeckled with black.

Inhabits *Madraſs. Drury Inſ* 3. *tab.* 18.

All the *wings* white hyaline with black veins.

Calliope. Wings entire yellow; upper-pair with 3 black ſtreaks, lower-ones with 3 black bands.

Inhabits *India. Cramer Inſ.* 21. *tab.* 246. *fig.* 4.

Tip of the *upper wings* black ſpeckled with white.

Melite. Wings entire yellow; upper-pair black with 2 yellow lines and a band.

Inhabits *India. Cramer. Inſ.* 13. *tab.* 153. *fig.* C. D.

Lower-wings yellow edged behind with black.

Mopſa. Wings entire both ſurfaces, alike, yellow and black, the margin dotted with white.
Inhabits *India*. *Cramer Inſ.* 16. *tab.* 190. *fig.* D.
The white dots are ſometimes only on the under-ſurface.

Mneme. Wings entire fulvous ſpotted with black; upper-pair black at the tip with yellow ſpots; lower-ones black with a fulvous band behind
Inhabits *India*. *Cramer. Inſ.* 16. *tab.* 190, *fig.* C.

Lycaſte. Wings entire fulvous tipt with black; upper-pair ſpotted with yellow.
Inhabits——*Jones Fig. pict.* 2. *tab.* 7. *fig.* 1.
Head black ſpotted with white: *thorax* fulvous: *abdomen* cinereous: *upper-wings* fulvous at the baſe with a black ſpot in the middle, then yellow; the tip black with a few yellow dots.

Lyſimnia. Wings entire fulvous with a yellow band, the tip black with a white ſpot on the upper pair.
Inhabits——*Jones Fig. pict.* 2 *tab.* 8.
Upper-wings fulvous at the baſe with a longitudinal black line and lateral dot: all the *wings* beneath black at the hind-margin with white dots.

Clara. Wings ſcalloped black ſpotted with yellow and a common teſtaceous baſe.
Inhabits *Surinam*. *Cram. t.* 364. *f.* C. D. *Jones* 2. *tab.* 9.
Antennae yellow: *head* and *thorax* black ſpotted with yellow: *abdomen* black with a yellow line down the ſides: *upper-wings* with a large yellow ſpot in the middle and 3 black ones, the tip and margin black ſpotted with yellow: *lower-wings* with a black border, above with 2 yellow ſpots at the inner margin, beneath a line of white dots.

Egena. Wings entire; upper-pair fulvous with a yellow band, the tip black ſpotted with yellow and a row of white dots each ſide.
Inhabits *America*. *Cram tab.* 191. *fig.* D. *Jones. tab.* 13. *f.* 2.
Upper-wings with 2 black ſpots before the band: the ſtreak of white dots is only on the under-ſurface of the lower-wings.

Eva. Wings entire, both ſurfaces alike, black; upper-pair with fulvous ſtreaks at the baſe and ſpots at the tip; diſk of the lower-ones fulvous with a black band.

Inhabits

Inhabits *Surinam*. *Cram. t.* 316. *f.* A. B. C. *Jones t.* 20. *f.* 1.
Thorax with 4 rufous ſpots: hind-margin of the *lower-wings* dotted with white.

Lybia. Wings entire; upper-pair black with 2 fulvous bands; lower-ones fulvous with a marginal black band.
Inhabits *India*. *Cramer* 13. *tab.* 177. *fig.* C. D.
Body black: *breaſt* dotted with white. *upper-wings* beneath with a ſmall ſcarlet line at the baſe: *lower-wings* beneath with ſcarlet dots at the baſe.

Veſta. Wings entire yellowiſh, the margin dotted with black.
Inhabits *China*. *Jones Fig. pict.* 2. *tab.* 39. *fig.* 2.
Abdomen black with a ſmall fulvous collar: *upper-wings* with a few brown ſpots and hind-margin.

Hypartia. Wings entire fulvous dotted with black, the margin black immaculate.
Inhabits *Africa*. *Jones Fig. pict.* 2. *tab.* 42. *fig.* 1.
Margin of the *upper-wings* beneath with fulvous ſpots: *body* black with fulvous ſpots.

Violæ. Wings entire fulvous dotted with black; margin of the lower-ones black with 7 white dots.
Inhabits *India*. *Cram. Inſ.* 20. *tab.* 298 *fig.* D. E.

Terpſicore. Wings entire fulvous; lower-pair dotted with black.
Inhabits *Aſia*. *Petiv Gazoph. tab.* 40. *fig.* 4.
Tip of the *upper-wings* whitiſh.

Serena. Wings entire fulvous: baſe of the lower-pair beneath dotted with black.
Inhabits *India*. *Cramer Inſ* 33. *tab.* 268. *fig.* A. B.
Tip of the *upper-wings* and margin of the *lower-ones* brown.

Polymnia. Wings entire; upper-pair with black ſpots and tip and yellow band; lower-ones with 3 black bands, the middle-one ſerrate.
Inhabits *America*. *Cramer Inſ.* 16. *tab.* 191. *fig.* E.
Larva yellowiſh and ſpinous under the ſtigmata.

Hippodamia Wings entire, upper-pair black with 3 hyaline bands: lower-ones hyaline.
Inhabits——Small, black: *abdomen* clavate.
Hind-margin of the *lower-wings* brown.

Irene.

Irene. Upper-wings black with yellow ſpots and a fulvous line at the baſe; lower-ones fulvous edged with black.
Inhabits *America*. *Jones Fig. pict. tab.* 2. *fig.* 39.
Upper-wings black with a broad ferruginous line at the baſe, the tip ſpotted with yellow; a line of white dots before the margin beneath: *lower-wings* beneath ferruginous the margin black dotted with white, a brown band in the middle.

Sappho. Wings entire, both ſurfaces alike, black-blue; upper-pair with a white band; lower-ones edged with white.
Inhabits *Jamaica*. *Jones. Fig. pict. tab.* 2. *fig.* 4.
Lower-wings beneath ſpotted with red.

Urania. Wings entire brown with a white diſk; lower-ones with 2 eyes each ſide.
Inhabits *India*.
Eyes large yellow, iris blueiſh, pupil white.

Doris. Wings entire black; upper-pair ſpotted with yellow; lower-ones radiate with blue at the baſe above.
Inhabits *Surinam*. *Cramer. Inſ.* 29. *tab.* 337. *fig.* 6.
Hind margin of the *lower-wings* dotted with white.

Olympia. Wings entire black; upper-pair with an oblong fulvous ſpot at the baſe, and white ones at the tip; lower-ones fulvous at the baſe.
Inhabits *America*. *Jones. Fig. pict.* 2 *tab.* 22. *fig.* 2.
Body black: *abdomen* with a red lateral line: *lower-wings* beneath yellowiſh with 2 brown bands meeting at the outer margin.

Criſia. Wings entire black; upper-pair acuminated with a yellow band; lower-pair with a yellow diſk.
Inhabits *America*. *Jones. Fig. pict.* 3 *tab.* 17. *fig.* 1.
Upper-wing very pointed, with a yellow line at the baſe oblique band behind the middle and 3 dots behind the band; *lower-wings* yellow with a black indented margin, beneath yellow clouded with brown.

Hecale. Wings entire black; upper-pair with a white band; lower-pair with white marginal dots beneath.
Inhabits *Surinam*. *Cramer Inſ.* 2. *tab.* 17. *fig.* A. B.
Head black dotted with yellow: *body* black: *abdomen* beneath yellow: *upper-wings* with a few black dots in the band and towards the tip white ones.

Ricini

Ricini. Wings entire brown; upper-pair with 2 yellow bands each ſide: lower-ones rufous at the baſe.
Inhabits *America. Cramer Pap.* 32. *tab.* 378. *fig.* A. B.
Larva greeniſh with white hairs. *Lower-wings* of the *male* purple at the baſe, of the *female* radiate with blue.

Sara. Wings ſcalloped black with a blue baſe; upper-pair with 2 yellow bands; lowet-ones ſpeckled with red beneath.
Inhabits *Guiana Cramer Iaſ. tab.* 54. *fig.* C. D.
Body black dotted with white: *upper-wing* without the blue baſe beneath, but with a yellow line.

Aranea. Wings black; upper-pair with a yellow ſtreak at the baſe and 2 bands; lower-ones with a red band beneath.
Inhabits——*Jones Fig. pict.* 2. *tab.* 26. *fig.* 1.
Thorax dotted with white; *lower-wings* with an emarginate red ſpot each ſide at the baſe.

Braſſolis. Wings entire brown; upper-pair ſpotted with yellow: lower-ones beneath with red rays.
Inhabits *Surinam. Cramer Inſ.* 2. *tab.* 13. *fig.* E. F.

Thales. Wings nearly entire and alike on both ſurfaces, black with red rays at the baſe; upper-pair ſpotted with yellow.
Inhabits *Surinam. Cramer. Inſ.* 4. *tab.* 38. *fig.* C. D.

Myrti. Wings entire black; upper-pair with 2 yellow bands; lower-ones with a rufous diſk.
Inhabits *Surinam. Cramer Inſ.* 15. *tab.* 177. *fig.* E. ?.

Naſica. Wings entire black; upper-pair with 2 yellow bands; lower-ones with a yellow diſk.
Inhabits——*Cramer Inſ* 2 *tab.* 46. *fig.* 2.
Body black; *thorax* dotted with white: margin of the *wings* dotted with white.

Cepha. Wings entire black; upper-pair with an abbreviated white band; lower-ones fulvous at the baſe and radiate beneath.
Inhabits *Cayenne. Body* ſmall brown.
Upper-wings with a common fulvous ſpot at the thinner margin: *lower-wings* with a few obſolete white ſpots at the tip.

Piſidii. Wings entire brown; upper-pair with 3 hyaline bands, lower-ones with 2.

Inhabits

Inhabits *India*. *Cramer Inf.* 22 *tab.* 257 *fig.* F.
Larva naked green with a black head.

Aſpaſia. Wings entire black with hyaline ſtreaks and ſpots: lower-ones yellow at the baſe
Inhabits *Tranquebar*; middle-ſized.
Body brown; *head* and *thorax* black dotted with white: *upper-wings* with hyaline ſtreaks at the baſe and ſpots at the tip; *lower-wings* yellow at the baſe, the tip black.

Aegle. Wings entire black; upper-pair with hyaline ſpots; lower-ones with a hyaline diſk.
Inhabits *India*.
Upper-wings beneath with a fulvous patch before the ſpots and 3 white dots at the tip: *lower-wings* with a ſubmarginal abbreviated fulvous band; the diſk beneath included in a black line, the margin black with 3 white dots at the tip.

Charitonia. Wings entire black; upper-pair with 3 yellow bands, lower-ones with 2.
Inhabits *America*. *Cramer Inf.* 16. *tab.* 191. *Fig.* F.

Melpomene Wings entire black; upper-pair with a red band; lower-ones with red dots at the baſe beneath.
Inhabits *America*. *Cramer Inf.* 16. *tab.* 181. *fig.* C.

Phyllis. Wings entire black; upper-pair with a red band, lower-ones with a yellow one.
Inhabits *Braſil*. *Cramer Inf.* 4. *tab.* 45. *fig.* E. F.
Body black varied with yellow; *lower-wings* with a few red dots at the baſe beneath.

Clio. Wings entire brown; upper-pair ſpotted with white; lower-ones with a white band.
Inhabits *America*. *Cramer Inf.* 22. *tab.* 257. *fig.* D. E.
Larva hairy, nut-brown.

Thalia. Wings entire brown; upper-pair ſpotted with yellow, lower-ones ſtraite.
Inhabits *India*. *Cramer Inf.* 21. *tab.* 246. *fig.* A.
Streaks on the *lower-wings* bifid.

Roſalia. Wings entire, both ſurfaces alike, fulvous; upper-pair with a yellow ſpot, lower-ones with 2 black ſtreaks.
Inhabits *Surinam*. *Cramer Inf.* 21. *tab.* 246. *fig.* B.
Antennæ black: *body* ferruginous: *upper-wings* with a fine black margin, the ſpot in the middle edged with black.

Eurytus.

Euryta. Wings entire both ſurfaces alike brown with a white band: lower ones ſtriate the baſe dotted with black.
Inhabits——*Cram. tab.* 233. *f.* A. B. C. *Jones. t.* 25. *f.* 2.

Umbra. Wings entire brown with a teſtaceous baſe; lower-ones ſpeckled with black.
Inhabits——*Jones Fig. pict.* 2. *tab.* 18. *fig.* 2.
Head black; *thorax* black with white dots: *abdomen* brown with teſtaceous ſpots, the ſides with a black dot.

Aedea. Wings entire ſpotted with white; upper-pair greeniſh: lower-ones with a yellow band.
Inhabits *India. Clerk. tab.* 4. *fig.* 2.
Upper-wings with 3 bands of unequal white ſpots.

Thallo. Wings entire black; upper-pair with 2 yellow bands: lower-pair with a ſingle one.
Inhabits *China. Edwards.* 36. *tab.* 226.
Body blue: *head* red.

Antiocha. Wings entire black; upper-pair with 2 white bands.
Inhabits *India. Cramer Inſ.* 4. *tab.* 38. *fig.* E. F.
Lower ſurface of the *upper-wings* with 2 yellow lines at the baſe, of the *lower wings* with a red line and 2 dots.

Camoena. Wings nearly entire, brown dotted with black; lower-ones with a red band.
Inhabits *Africa. Drury Inſ.* 2. *tab.* 7. *fig.* 2.
Feelers yellowiſh: *body* black ſpotted with white: *upper-wings* immaculate: *lower-wings* with a few black ſpots at the baſe: margin of the wings black with 7 white dots.

Macaria. Wings entire brown; upper-pair with a black baſe and broad rufous band in the middle; lower-ones dotted with black at the baſe.
Inhabits——*Jones Fig. pict.* 2. *tab.* 15. *fig.* 1.

Zetes. Wings brown dotted with black; lower-pair with a fulvous band dotted with black, the margin beneath with pale dots.
Inhabits *Guinea. Cram. tab.* 39. *f.* G. *Jones tab.* 16. *f.* 2.

Perſiphone. Wings entire brown dotted with black; upper-pair with a white ſpot; margin of the lower-ones black immaculate.
Inhabits——*Jones Fig. pict.* 2. *tab.* 16. *fig.* 1.

Body black ſpotted with yellow: all the *wings* with 4 black ſpots in the middle and a tranſverſe whitiſh one behind: *lower-ones* beneath yellow dotted with black, the margin black with yellow ſpots.

Gea. Wings entire black; upper-pair with 2 ſpots: diſk of the lower-ones fulvous ſtriate with black, the baſe beneath ſtriate with black.

Inhabits *Africa*. *Jones Fig. pict.* 2. *tab.* 15. *fig.* 2.

Head and *thorax* black dotted with white: *abdomen* fulvous with black dorſal ſpots.

Jodutta. Wings entire black; upper-pair with 2 white ſpots; diſk of the lower-ones white ſtriate with black, the baſe beneath dotted with black.

Inhabits——*Jones Fig. pict.* 2. *tab.* 21. *fig.* 1.

Abdomen brown with 2 fulvous dots on each ſegment: *upper-wings* with a white ſpot at the inner margin connected with the white diſk of the lower-ones, and another near the tip divided by nerves: *lower-wings* beneath white, the baſe dotted the tip ſtriate with black.

Parrhaſia. Wings entire black; upper-pair with a 4-cleft fulvous and hyaline ſpot; lower-ones with a fulvous band, beneath yellow with black dots and lines.

Inhabits *India*. *Jones Fig. pict.* 2. *tab.* 27. *fig.* 2.

Body ſmall black with fulvous ſpots: hyaline ſpot on the *upper-wings* trifid, beneath paliſh with a hyaline diſk divided by nerves.

Lycia. Wings entire, both ſurfaces alike, brown ſpotted with white; diſk of the lower-ones white with black dots.

Inhabits *Sierra Leona*. In the Muſeum of Sir *Joſe. Banks*.

Thorax brown ſpotted with yellow: margin of the *lower-wings* ſtriate with brown.

Pyrrha. Wings entire, both ſurfaces alike, brown ſpotted with yellow; diſk of the lower-ones ferruginous ſtriate with black.

Inhabits *Braſil*. *Jones Fig. pict.* 2. *tab.* 21. *fig.* 2.

Body black; *thorax* with a yellow dot each ſide: *upper-wings* with 2 yellow ſpots at the baſe and macular band before the tip.

Paſiphæ. Wings entire brown varied with white, with black ſpots and margin.

Inhabits

Inhabits *Guinea*. *Cramer Inſ.* 7. *tab* 81. *fig.* C. D.
Lower-wings beneath yellowiſh at the baſe with black ſpots.

Marcia. Wings entire; upper-pair brown immaculate, lower-ones yellowiſh dotted with black.
Inhabits *Africa*. In the Muſeum of Sr. *Joſ. Banks.*
Body black: ſides of the *abdomen* ſpotted with white: *lower-wings* beneath with a few white dots at the baſe and a ſtreak of white dots in the black margin.

Cæcilia. Wings white in the middle dotted with black: margin of the lower-ones black, beneath dotted with white.
Inhabits *Africa*. In the Muſeum of Sr. *Joſ Banks*
All the *wings* black at the baſe and tip, beneath whitiſh dotted with black: *upper-wings* beneath black at the tip.

Bonaſia. Wings entire brown with a common fulvous band; baſe of the lower-ones dotted with black.
Inhabits *Sierra Leona* In the Muſeum of Sr. *Joſ. Banks.*
Body black: *abdomen* with yellow lateral dots: *upper-wings* with a fulvous line before the tip: *lower wings* with a few ſhort ſtreaks at the hind-margin: beneath white at the baſe with numerous black dots, brown at the tip with marginal acute white dots.

Euterpe. Wings entire black with a fulvous band and white dots.
Inhabits *America*. *Seba Muſ.* 4. *tab.* 7. *fig.* 17. 18.
All the *wings* immaculate behind the band.

Suſanna. Wings entire black dotted with white, a fulvous ſpot at the baſe and band behind
Inhabits *Africa*. In the Muſeum of Sr. *Joſ. Banks.*
Body black with white dots, ſides of the *abdomen* with fulvous ones: *upper wings* with 3 or 4 white dots within the band, beneath a row of white dots before the margin: hind-margin of the *lower-wings* dotted with white, and numerous ſcattered ones beneath.

Hyparete. Wings entire, white with black veins: lower-ones beneath yellow, the margin ſpotted with red.
Inhabits *India*. *Cramer tab.* 187. *f.* C. D. *tab.* 201. *f.* B. C.
Lower-wings with black marginal ſpots above, beneath yellow with black veins and 5 or 8 large red ſpots.

Paſithoe. Wings black ſlightly radiate with white and a central white dot; lower-ones beneath ſulphur with black margin and veins, the baſe red.

2. Wings entire black ſpotted with white; lower-ones beneath yellow on the diſk with a red band at the baſe.
Pap, Egialea. *Cram.* 16. *tab.* 189. *fig.* D. E.

Erythrea. Wings black; upper-pair with 2 red bands; lower-ones with 6 red ſtreaks.
Inhabits *Surinam.* *Cramer. Inſ.* 16. *tab.* 189. *fig.* A.

Erato. Wings entire black; upper-pair ſpotted with yellow and red at the baſe; lower-ones ſtriate with red.
Inhabits *India.* *Cramer Inſ.* 10. *tab.* 119. *fig.* A.
Upper-wings with 10 yellow ſpots: *lower-wings* with 5 red ſtriæ meeting at the baſe.

Belladonna Wings entire black; upper-pair with hyaline dots; lower-ones with yellow ſpots.
Inhabits——*Jones Fig. pict.* 3. *tab* 37. *fig.* 2.
Body black: ſides of the *abdomen* cinereous: *upper-wings* with a line beneath and ſpot at the baſe.

Julia. Wings indented fulvous; upper-pair with 2 black ſtreaks; lower-ones black on the hind-margin.
Inhabits *America.* *Cramer. Inſ.* 18. *tab.* 215. *fig.* A. F. G.
Antennæ black: *body* fulvous: *upper wings* ſubfalcate: *lower-wings* with 2 fine fulvous ſtreaks in the margin: all of them beneath greyiſh, lower-ones with a red ſpot at the baſe and a white patch at the angle of the tail.

Hippona. Wings indented tailed varied with yellow and black; lower-ones with 4 white dots.
Inhabits *India.* *Cramer Inſ.* 8 *tab.* 90. *fig.* C. D.
Upper-wings indented, the inner tip truncate and nearly emarginate; the baſe fulvous, then black with a broad yellow band and 2 ſpots at the tip; beneath variegated: *lower wings* indented truncate with a long tail, the baſe fulvous, the tip black with 4 white dots; beneath varied with yellow and brown.

Parnaſſii.

Apollo. Wings entire white ſpotted with black; lower-ones with 4 eyes above and 6 beneath.
Inhabits *Europe,* *Eſp.* 1. *tab.* 2. *fig.* 1. *Ernſt.* 1. *tab.* 47.
Larva ſolitary, furniſhed with tentacula, ſilky, black with 2 red dots on the ſegment each ſide: *pupa* ſlightly ſolliculate ovate blueiſh with red dots each ſide on the fore-part.

Phoebus

Phœbus. Wings entire. both ſurfaces alike, white ſpotted with black; lower-ones with 3 red ſpots circled with black.
Inhabits *Siberia*. *Jones Fig. pict.* 2. *tab.* 2. *fig.* 2.

**Mnemoſyne* Wings entire white with black nerves; upper-pair with 2 black marginal ſpots.
Inhabits *Europe*. *Eſp.* 1. *tab.* 2. *f.* 2. *Ernſt.* 1. *tab.* 48. *f.* 100.

**Cratægi* Wings entire white with black veins.
Inhabits *Europe*. *Harris Aur. tab.* 9. *f.* k. i. *Lewin. tab.* 24.
Larva gregarious hairy, above roſy with 3 black lines, beneath green: *pupa* greeniſh with black ſpots and dots.

Andromacha. Wings entire, both ſurfaces alike, dotted with black; upper pair duſky, naked; lower-ones yellowiſh.
Inhabits *New Holland*: middle-ſized.
Head black: *feelers* yellow: *thorax* black with a yellow dot each ſide: *breaſt* ſpotted with yellow: hind-margin of the *lower-wings* black with 7 yellowiſh dots.

Mandane. Wings oblong entire; upper-pair hyaline with black veins; lower-ones black with a white band.
Inhabits *Africa*. *Jones Fig. pict.* 2. *tab.* 36. *f.* 2.
Body black: *feelers* yellow: *abdomen* ſpotted with white and yellow: *lower-wings* beneath cinereous at the baſe dotted with black, a white band in the midale, the tip white ſtriate with brown.

Piera. Wings entire hyaline diaphanous; lower-ones with 2 marginal eyes.
Inhabits *India*. *Cramer Inſ.* 25. *tab.* 291. *fig.* C. D.

Anacardii. Wings entire hyaline greeniſh; lower-ones brown at the tip with 2 eyes.
Inhabits *America*. *Merian Surinam. tab.* 16. *fig.* 1.
Larva white with long deflected hairs: *pupa* nut-brown.

Nereis. Wings ſcalloped brown; lower-ones with a ſnowy band, the diſk tulvous with 2 black eyes.
Inhabits *America*. *Jones Fig. pict.* 2. *tab.* 35. *fig.* 2.
Body brown: *feelers* yellowiſh: *upper-wings* with a cinereous ſtreak: *lower-wings* brown at the baſe and margin, the eyes with a white pupil; beneath white at the baſe with 2 black ſtreaks, in the middle a black band, the tip nut-brown with 2 ſmall black eyes with a white pupil.

Andromeda.

Andromeda. Wings hyaline white; lower-ones red at the tip with a ſingle eye each ſide.
Inhabits *India. Drury Ins.* 3. *tab.* 38.
Lower-wings with a ſmall blue patch at the hind-margin, the eye with a white pupil.

Diaphanus. Wings entire hyaline white, the margins brown.
Inhabits *Jamaica. Cram. tab.* 22. *fig.* D. *tab.* 231. *fig.* C.

Hyalinus. Wings entire, both ſurfaces alike, upper-pair hyaline with black bands and margin; lower-ones teſtaceous.
Inhabits——*Jones Fig. pict.* 2. *tab.* 33. *fig.* 1.
Body black, cinereous at the ſides: *upper-wings* with 2 black bands and margin.

Obſcuratus. Wings teſtaceous hyaline; upper-pair with a yellow band.
Inhabits——*Jones Fig. pict.* 2. *tab.* 32. *fig.* 2.

Idea. Wings ſemitranſparent, white with black ſpots and veins.
Inhabits *India. Cram. t.* 193. *f.* A. B. *t.* 362. *f.* D.
Naturaliſt's Miſcellany. tab. 194.
Body white with a black dorſal ſtripe: *thorax* black ſtriped with white: *upper-wings* with a ſlight yelloviſh tinge near the baſe.

Feſtivi.

Cypariſſias. Wings entire black with 2 white bands, thoſe of the upper-pair oblique, of the lower-ones punctate.
Inhabits *America. Cramer Inſ. tab.* 1. *fig.* A. B.
Club of the *antennae* pointed: *wings* black but in a certain direction exhibiting a blue gloſs.

Midamus. Wings entire black dotted with white; upper-pair above blueiſh, lower-ones with a row of white dots.
Inhabits *India. Cram.* 23. *tab.* 266. *fig.* A. B. and D. E.

Dryaſis. Wings entire brown; upper-pair with 2 white dots, all of them with numerous ones beneath.
In the *Britiſh Muſeum. Jones* 3. *tab.* 85. *fig.* 1.
Body brown: *upper-wings* beneath immaculate, lower-ones above immaculate.

Diocletianus Wings entire black; upper-pair with an interrupted white band; lower-ones with white lines at the baſe and a double row of dots at the tip.

Inhabits

Inhabits *East India*.
Margin of the *upper-wings* dotted with white: *head* and *thorax* black dotted with white: *abdomen* above brown, beneath cinereous with black bands.

Claudius. Wings entire black; upper-pair with a blue glofs and dotted with white; lower-ones with white lines.
Inhabits *Tranquebar*. *Cramer Inf.* 23. *tab.* 266. *fig.* C.
Body black dotted with white: *lower-wings* with a ftreak of white dots towards the margin.

Niavius. Wings entire black; upper-pair with a white band; lower-ones with a common white fpot at the bafe.
Inhabits *Sierra Leona*. *Cramar* 1. *tab.* 2. *fig.* A. B.

Damocles. Wings entire; upper-pair black; lower-ones brown with a white difk.
Inhabits *Afia* and *Africa*. *Cramer. tab.* 192. *fig.* D.
Body brown: *thorax* dotted with white.

Cerus. Wings entire black, all of them with a double row of white dots.
Inhabits *East India*.
Body black dotted with white: *upper wings* with 4 white dots on the difk: *lower-wings* with 2.

Tulliolus. Wings entire; upper-pair black with a macular white band; lower-ones brown, above immaculate, beneath dotted with white.
Inhabits *India*. *Jones Fig. pict.* 3. *tab.* 69. *fig.* 1.
Body black, fulvous at the fides: *upper-wings* with a white dot in the middle of the rib: all the *wings* dotted with white beneath.

Sylveſter. Wings entire brown with a macular white band.
Inhabits——*Jones Fig. pict.* 3. *tab.* 67. *fig.* 2.
Body b,own: *head* and *thorax* dotted with white: *upper-wings* with a few white fpots at the tip: *wings* beneath with a white ftreak or two.

Cochrus. Wings entire, both furfaces alike, black with a macular white band; abdomen red with black belts.
In the muſeum of Dr. *Hunter*. Large, thick.
Antennæ black, the club pointed: *thorax* and *breaſt* black fpotted with red: *abdomen* black at the bafe, rufous at the tip, with 4 black belts edged with white: *tail* black.

Liberius.

Liberius. Wings entire lead-colour; under-surface of the upper-pair green, of the lower-ones fulvous.
Inhabits *Amboina*. *Cramer. Inf* 18. *tab.* 210. *fig.* G. H.
Wings with a fine black edge each side.

Radamanthus. Wings entire black with a blue gloss: upper-pair with a marginal white spot, lower-ones with a white spot and 4 lines.
Inhabits *Asia*. *Jones Fig. pict.* 2. *tab* 45. *fig.* 2.
Head and *thorax* brown dotted with white. *upper-wings* with 2 white dots near the large spot and a few scattered blue spots, beneath paler: *lower-wings* with a few blue dots, the white spot is wanting beneath.

Zoilus. Wings entire black; upper-pair with 3 white spots; lower-ones with a white disk
Inhabits *New Holland*. In the museum of Sir *Jos. Banks*.
Thorax and *abdomen* brown spotted with white: *upper-wings* with a small white dot at the outer margin, beneath a white line at the base and 5 dots at the tip: *lower-wings* beneath with a black border dotted with white.

Cynthens. Wings entire black with testaceous veins and a white band which in the upper-pair is interrupted.
Inhabits *Africa*. *Jones Fig. pict.* 2. *tab.* 36. *fig.* 1.
Base of the *upper-wings* beneath white dotted with black.

Aretheusus. Wings entire black with blue spots; lower-ones with red dots beneath.
Inhabits *Surinam*. *Cramer. Inf.* 7. *tab.* 77. *fig.* E. F.
Body black: *thorax* dotted with blue: *upper-wings* beneath immaculate, lower-ones with scarlet dots at the base and tip.

Clymenus. Wings entire with a blue band; upper-pair beneath sanguineous; lower-ones beneath white with black rings and dots.
Inhabits *Brasil*. *Cram. Pap.* 2. *tab.* 24. *fig.* E. F.
Tip of the *upper-wings* beneath rufous with 2 white lines: *lower-wings* with 2 black dots in each ring beneath.

Sisamnus. Wings entire black dotted with white and a common white band which is interrupted in the upper-pair.
Inhabits——*Jones Fig. pict.* 2. *tab.* 44. *fig.* 1.
Wings with a white band with black veins and a streak or two of white dots behind: *lower-wings* with red dots at the base beneath and a yellow band in the middle.

Lasus.

Laſſus. Wings entire brown with black ſtreaks; upper-pair with a marginal white ſpot; beneath paler with brown ſtreaks.
Inhabits *Cayenne.*
Body above brown, beneath cinereous: margin of the *upper-wings* beneath brown with a white ſpot and dots.

Antiochus. Wings entire black with a common fulvous band above.
Inhabits *China. Cramer Pap.* 12. *tab.* 143. *fig.* B. C.

Syphax. Wings entire black; upper-pair with a white band, lower-ones with a marginal red one.
Inhabits *India. Cramer Pap.* 19. *tab.* 223.
Upper-wings with 5 white ſpots beſides the band placed tranſverſely towards the tip: *antennæ* hooked.

Evalthe. Wings entire black; upper-pair with 2 yellow bands; lower-ones with a yellow band and red ſpots, beneath red with a yellowiſh macular band.
Inhabits *India. Cramer Inſ.* 2. *tab.* 17. *fig.* E. F.
Wings brown, the upper-pair uniform beneath.

Licas. Wings entire brown; upper-pair with 2 white bands; lower-ones with a ſingle white band and red ſpots, beneath cinereous with white bands.
Inhabits *Surinam Cram. t.* 223. *f.* A. B. *Jones t.* 73. *f.* 2.
Antennæ brown, the club ferruginous and pointed.

Phalaris. Wings entire brown; lower-pair with 2 macular white ſtreaks.
Inhabits——*Jones Fig. pict.* 3. *tab.* 75. *fig.* 2.
Club of the *antennæ* long pointed.
Wings variegated beneath, upper-pair brown at the baſe.

Pelaſgus. Wings entire, both ſurfaces alike; upper-pair greeniſh with a fulvous band; lower-ones black immaculate.
Inhabits *Surinam. Cramer. Inſ.* 17. *tab.* 202. *fig.* D.
Antennæ black, hooked at the end.

Phaeton. Wings entire black with white and rufous ſpots.
Inhabits *America. Cramer. Inſ.* 17. *tab.* 193. *fig.* C. D.

Sephus. Wings entire; upper-pair black, the diſk fulvous ſpotted with black; lower-ones brown with a black ſtreak and dots.
Inhabits——*Jones Fig. pict.* 4. *tab.* 72. *fig.* 1.

Upper-wings beneath varied at the base with cinereous and yellow, the tip green: *lower-wings* beneath grey with a yellow spot at the base, an abbreviated green band in the middle with 3 yellow dots, the margin greenish.

Galanthis. Wings entire; above black with sanguineous bands; upper-pair with 2 white dots at the tip.
Inhabits *Surinam.* *Cramer. Inf.* 3. *tab.* 25. *fig.* D. E.
Upper-wings with 2 small approximate white dots at the tip, beneath yellow on the fore-part speckled with fulvous, and 2 olive bands: *lower-wings* beneath brown at the base, the tip yellowish with an olive band.

Cenæus. Wings entire brownish; lower-ones beneath with a red orb of 9 spots.
Inhabits *India.*
Wings above brown spotted with yellow, pale at the base.

Chermes. Wings entire dusky; lower-ones red, with black bands above and a snowy dot in the middle beneath.
Inhabits *Africa.* *Jones Fig pict* 3. *tab.* 72. *fig.* 2.
Body brown: *antennæ* yellowish: *upper-wings* with 2 brown bands and tip.

Hesperus. Wings scalloped brown with black waves; upper-pair with white dots
Inhabits——*Jones Fig. pict.* 4. *tab.* 73. *fig.* 1.
Body brown: *wings* paler beneath.

Mirus. Wings scalloped brown slightly fasciate with testaceous; lower-ones beneath brown at the base and variegated at the tip.
Inhabits——Size of the last.
Upper-wings beneath brownish with yellow bands; and varied with cinereous brown and blue.

Tytius. Wings entire brown spotted with white: upper-pair with 4 ocellar black dots.
Inhabits *Surinam.* *Cramer Inf.* 11. *tab.* 121 *fig.* C. D.
Wings paler beneath spotted with white, with numerous black subocellar dots.

Eupalus. Wings entire brown; lower-ones with a blue band, beneath green with a black dot.
Inhabits *Africa.* *Cramer Inf.* 13. *tab.* 145. *fig.* D. E.

Wing

Wings above brown with a slight gold gloss, upper-ones terminating in a white dot: beneath green with a black dot at the base: *antennæ* black, ferruginous at the tip.

Pinthæus. Wings entire, both surfaces alike, brown; upper-pair with 3 yellow spots; lower-ones white on the lower-half.
Inhabits *India.*

Archippus. Wings scalloped fulvous with black veins, the margin black dotted with white; upper-pair with fulvous spots at the tip
Inhabits *America.* *Jones Fig. pict.* 3. *tab.* 69.

Plexippus. Wings entire fulvous with dilated black veins, the margin black with white dots; upper-pair with a white band at the tip.
Inhabits *America.* *Cramer Inf.* 1. *tab.* 3. *fig.* A. B.
Sloan's Jamaica 2, 214 *tab.* 239. *fig.* 5, 6.
Larva annulate with white and black, with 2 tentacula on the neck and tail: *pupa* green with a row of gold dots.

Erippus. Wings entire dull testaceous, the edge black dotted with white; disk of the lower-ones immaculate, beneath with black veins and white dots.
Inhabits *China.* *Cramer Pap.* 18. *tab.* 205. *fig* E. F.
Disk of the *upper-wings* with a few white dots before the tip.

Misippus. Wings scalloped fulvous, the edge black dotted with white, lower-ones with a black curve.
Inhabits *America.* *Cramer Inf.* 2. *tab.* 16. *fig.* A. B.

Chrysippus. Wings entire fulvous, the margin black dotted with white; disk of the lower-ones with black dots.
Inhabits *India.* *Cramer Pap.* 10. *tab.* 118. *fig.* B. C.

Alcippus. Wings entire fulvous, the margin black dotted with white; disk of the lower-ones white with black dots.
Inhabits *America.* *Cramer Pap.* 11. *tab.* 127. *fig* E. F.

Eleus. Wings entire fulvous; the margin black, of the upper-pair with a white band, of the lower-ones with white dots.
Inhabits *America.* *Jones Fig. pict.* 5. *tab.* 22. *fig.* 2.
Body black spotted with white: *wings* beneath without the black margin.

Ereſimus. Wings ſcalloped teſtaceous, the tip and margin black dotted with white; lower-ones beneath with an obſolete macular whitiſh band.

Inhabits *America*. *Cramer tab.* 175. *fig.* G. H.

Head dotted with white: *thorax* black with a white dot and 3 cinereous lines: *abdomen* teſtaceous with a black dorſal line: *upper-wings* black at the the tip with a fulvous ſpot and white dots, the margin black with 2 rows of white dots: *lower-wings* with a hairy black ſpot on the diſk, in the *male* only, the margin black with a ſingle row of white dots, beneath with black veins and 2 lines of white dots near the edge.

Diocippus. Wings ſcalloped fulvous with a common black border dotted with white; lower-ones beneath with 3 black dots, and a ſtreak of white ones behind.

Inhabits *India*. *Cramer. Pap. tab.* 28. *fig.* B. C.

Margin of the *lower-wings* beneath with a double row of white lunules.

Gilippus. Wings entire, both ſurfaces alike, fulvous ſpotted with white, the margin black with white dots.

Inhabits *America*. *Cramer. Pap.* 3. *tab.* 26. *fig.* C. D.

Hind margin of the *wings* black with 3 ſtreaks of white dots.

Hegeſippus. Wings entire, both ſurfaces alike, black ſpotted with white; baſe of the upper-pair fulvous, of the lower-ones with white lines.

Inhabits *Sumatra*. *Cramer. Inſ.* 15. *tab.* 108. *fig.* A.

Tip of the *upper-wings* ſpotted with white, of the *lower-wings* with 2 ſtreaks of white dots.

Darius. Wings entire brown; upper-pair ſpotted with white; lower-ones with a black curve beneath

Inhabits *Braſil*, In the Muſeum of Sir *Joſ. Banks*.

Upper-wings with a large oblong white ſpot in the middle at the thicker margin and 3 ſmall ones at the angle of the tail, before the tip a white patch: *lower-wings* beneath grey with a black curve in the middle and ſmall white lunule.

Ddæalus. Wings entire brown ſpotted with white, beneath nut brown.

Inhabits *Guinea*. In the Muſeum of Sir *Joſ. Banks*.

Wings with 4 white lunules at the baſe and 3 ſtreaks of whitiſh dots. lower-ones with 3 ſtreaks of blueiſh-white dots including black ones.

Nicæa.

Nicæus. Wings entire; upper-pair with a black eye; lower-ones above with a red marginal band and black ocellar spots.

Inhabits *India*. *Cramer. Inf* 1. *tab.* 12. *fig.* G. H.

Lower wings with black dots in the band circled with yellow; beneath pale ash with 2 white macular streaks, the spots in the hinder-one including a black dot.

Numilius. Wings entire black; upper-pair with 2 fulvous spots; lower-ones with a single one.

Inhabits *Brasil*. *Cramer Inf.* 7. *tab.* 81. *fig.* E. F.

Upper-wings beneath pale fulvous with a brown band at the tip: *lower-wings* with a blueish patch on the hind margin, beneath grey-brown.

Codomannus Wings entire black with red bands; lower-ones beneath with angular yellow lines and blue dots.

Inhabits *Brasil*. In the Museum of Sir *Jos. Banks*.

Upper-wings with a transverse fulvous dot towards the tip and and dotted with white at the edge, beneatn with a yellow band and blue streak at the tip.

Polymenus. Wings entire rusty-brown dotted with black; beneath yellowish waved with black.

Inhabits *Surinam*. *Jones Fig. pict.* 5. *tab.* 13. *fig.* 2.

All the *wings* beneath yellowish with fulvous waves.

Hydaspes. Wings entire brown with a blue gloss; lower-ones beneath yellow with annular black lines and 3 blue dots.

Inhabits *Brasil*. In the Museum of Sir *Jos. Banks*.

Upper-wing with a sanguineous band and yellow patch at the tip: *lower-wings* beneath with 3 subocellar blue dots in the middle and a blue streak behind.

Jairus. Wings entire brown; disk of the lower-ones white with a blue eye above and 2 beneath.

Inhabits *India*. *Cramer. tab.* 6 *fig.* A. B. *t.* 185. *f.* A. B. C.

Lower-wings with a large blue eye, the iris yellow, pupil white, beneath 2 of the same colour.

Haquinus. Wings nearly entire brown, beneath orange with blueish-silvery spots marked with black.

Inhabits *Tranquebar*; middle-sized.

Antennæ brown annulate with cinereous, the club black with a sharp ferruginous tip: *wings* a little scalloped with 2 interrupted whitish streaks before the margin beneath.

Orien.

Orian. Wings ſcalloped; upper-pair falcate rufous, the tip black with a marginal white ſpot.

Inhabits *Surinam.* *Sulz. Hiſt. Inſ. tab* 13. *fig* 2.

Upper-wings beneath variegated with a black waved ſtreak in the middle: *lower-wings* rounded entire black, the baſe ſubferruginous, the hind-margin paliſh; beneath variegated with a black waved ſtreak.

Cacytus. Wings falcate; above black, the hind-margin cinereous.

Inhabits *Siam.* In the Muſeum of Sir *Joſ. Banks.*

Wings beneath pale aſh, upper-pair with a brown ſtreak behind.

Brutias. Wings entire fulvous tipt with black; lower-ones beneath with white dots and 2 eyes.

Inhabits *Rotterdam iſland*; middle-ſized.

Antennæ black, the club dull ferruginous; tip of the *upper-wings* black with a fulvous band and dot: *lower wings* black on the hind-margin with a black ocellar dot or two before the margin; beneath all of them varied with ferruginous, upper-ones with a flexuous white ſpot in the middle and white dots.

Thymetus. Wings entire yellow with a common brown border.

In the Muſeum of Dr. *Hunter.* Small.

Antennæ annulate with black and white, the club black with a fulvous tip: *body* yellowiſh: *thorax* blackiſh: *wings* beneath yellowiſh with fulvous undulations.

Hyſolon. Wings entire fulvous with brown bands, beneath orange with brown waves.

Inhabits *Guinea.* *Body* ſmall brown.

Odin. Wings entire duſky with a ſingle angle: lower-ones beneath with a pair of black ſubocellate dots each ſide.

Inhabits *China.* *Body* ſmall brown.

Upper-wings with a dark line or two, the tip paler: *lower-wings* cut at the inner margin, with cinereous ſtreaks, beneath with pale ſtreaks at the tip and a ſmall dot at the anterior margin beſides the eyes.

Celline. Wings indented oblong fulvous; upper-pair with a black lunule.

Inhabits *America.* *Cramer Inſ.* 18. *tab.* 215. *fig.* D. E.

Dido

Dido. Wings indented oblong black spotted with green; lower-ones with a blueish band and 7 transverse spots.
Inhabits *America*. *Cramer Inf.* 17. *tab.* 196. *fig.* E. F.
Larva spinous green with a red and white line, tail with 2 long spines.

Eurinome. Wings indented black spotted with white; lower-ones white at the base.
Inhabits *India*. *Cramer Inf.* 6. *tab.* 70. *fig.* A.

Philomela. Wings scalloped black spotted with white; lower-ones radiate with yellow at the base.
Inhabits *India*. *Jones Fig. pict.* 3. *tab.* 46. *fig.* 1.
Tip of the *lower-wings* black dotted with white.

Similis. Wings slightly scalloped, both surfaces alike, with blueish-white dots lineate towards the base.
Inhabits *India*. *Cramer Inf.* 5. *tab.* 59. *fig.* D. E. and *fig.* F.

Affinis. Wings indented black spotted with white; border of the lower-ones beneath black spotted with yellow and white.
Inhabits *New Holland*. Museum of Sir *Jos. Banks*.
Head thorax and *breast* black dotted with white; *lower-wings* black with a white disk and streak of white dots, before the margin; beneath white on the disk, the border brown with a row of yellow dots and 2 of white ones: *abdomen* above black, beneath yellow.

Lais. Wings indented black with blueish striæ, beneath brown.
Inhabits *India*. *Cramer. Inf.* 10. *tab.* 110. *fig.* A. B.

Enothrea. Wings indented black with a green disk; beneath black with a white costal dot.
Inhabits *Sierra Leona*. *Jones* 5. *tab.* 98. *fig.* 1.
Upper wings angular: *lower-wings* green at the base with a lunulate black margin.

Dirtea. Wings indented, both surface alike, black dotted with yellow.
Inhabits *Bengal*. *Jones Fig. pict.* 4. *tab.* 65. *fig.* 1.

Hippia. Wings scalloped greenish-white with black border and veins.
Inhabits *Poulicandor*. *Jones.* 3. *tab.* 12. *fig.* 1.
Body and *antennæ* black: *upper-wings* with generally white dots at the tip.

Panope.

Panope. Wings indented brown, both ſurfaces alike, the outer margin ſpotted with white, angle of the tail fulvous.
Inhabits *India*. *Cramer Iaſ.* 25. *tab.* 295. *fig.* E. F.
Band on the *lower-wings* ſurrounded with a black line.

Jacintha. Wings ſcalloped toothed brown; upper-pair with a ſtreak of white dots; lower-ones white at the tip.
Inhabits *India*. *Cram. tab.* 65. *fig.* C. D. *tab.* 67. *fig.* B.
Head black with 2 white dots: *body* black: *thorax* with 2 white dots: all the *wings* indented with here and there a blue gloſs: margin of the *lower-wins* brown with white lunules.

Micalia. Wings falcate toothed blaek ſpotted with yellow; middle of the lower-ones fulvous ſpotted with black
Inhabits *North America*. *Cramer* 9. *tab.* 108. *fig.* C. D.
Hind-margin of the *lower-wings* black with yellow dots: *wings* beneath variegated.

Paſſifloræ. Wings indented fulvous ſpotted with black; beneath with 30 ſilvery ſpots.
Inhabits *America*. *Cramer* 18. *tab.* 212. *fig.* A. B.
Larva ſpinous black with 2 macular fulvous lines each ſide and a double interrupted dorſal one.

Juno. Wings angular-indented oblong fulvous with a black border; lower-ones beneath black with fulvous and ſilvery ſpots.
Inhabits *Surinam*. *Cramer. Inſ.* 18. *tab*, 215. *fig.* B. C.
Tip of the *upper-wings* black with fulvous ſpots above, yellow and ſilvery ones beneath.

Danai.

**Braſſicæ.* Wings rounded entire white; tip of the upper-pair brown and (in the male) 2 brown ſpots.
Inhabits *Europe*. *Lewin. tab.* 25. *Albin.* 1. *tab.* 1.
Larva cineteous dotted with black, with 3 ſulphur lines, tail black: *pupa* pale green with 3 yellow lines and 3 globular ſegments.
Lower-wings with a brown ſpot on the outer margin, beneath pale ſurphur.

**Rapæ.* Wings entire white; upper-pair tipt with brown: male with a brown ſpot on each, female with 3 brown ſpots on the upper and one on the lower-pair.

Inhabits

Inhabits *Europe*. *Lewin. tab.* 26. *Albin. tab.* 51. *f.* C. D. E. F. *Lower-wings* beneath pale ſulphur: *larva* green; *pupa* greeniſh with 3 ſulphur lines.

* *Napi.* Wings entire white with dilated green veins beneath:
Inhabits *Europe* and *Aſia*. *Albin. Inſ. tab.* 52. *fig.* F. G. *Donovan's Eng. Inſ.* viii. *tab.* 28. *fig.* 1. *Lewen. tab.* 27.
Larva green with 3 bronzed lines: *pupa* pale ochre: *wings* above with a brown ſpot or two.

* *Sinapis.* Wings entire white; upper-pair tipt with brown.
Inhabits *Europe*. *Donovan. tab.* 280. *f.* 2. *Lewin t.* 29 *f.* 4. 5.
All the *wings* beneath immaculate.
Theſe 4 laſt are the inſects which in the Caterpillar or grub ſtate commit ſuch ravages in our Gardens.

Narica. Wings ſnowy; upper-pair with a brown ſpot before the tip.
Inhabits *Guinea*; ſmall.
Baſe of the *wings* beneath a little waved with green.

Raphani. Wings entire white, the tip black ſpotted with white; lower-ones beneath with black veins and covered with yellowiſh meal.
Inhabits *Southern Europe*. *Eſp. Pap. tab.* 84. *fig.* 3.
Antennæ black annulate with white: *head* and *thorax* brown: *abdomen* white, brown on the back: *lower-wings* above white with obſolete marginal brown dots.

Caſtalia. Wings entire white; above immaculate, beneath yellowiſh at the baſe.
Inhabits *India*. *Jones Fig. pict.* 3. *tab.* 49. *fig.* 1.

Poppea. Wings entire white, the margin dotted with black; upper-pair with a ferruginous ſpot at the baſe.
Inhabits *Sierra Leona*. *Cramer* 10. *tab.* 110. *fig. D.*
Spot at the of the *wings* on both ſurfaces.

Sylvia. Wings entire white; tip of the upper-pair brown with a fulvous ſpot beneath.
Inhabits *Sierra Leona*. In the Muſeum of Sir *Joſ. Banks*.
Lower-wings with 5 marginal brown dots.

Paullina. Wings entire white edged with black; lower-ſurface of the upper-pair with a yellow ſpot at the baſe, of the lower-ones immaculate.

Inhabits *India*. *Cramer Inf. tab.* 110. *fig.* E. F.
Lower-surface of the *upper-wings* with a sinuate brown band, of all without the marginal black dots.

Argante. Wings entire fulvous; beneath speckled with ferruginous.
Inhabits *Brasil* In the Museum of Sir. *Jos. Banks*.
Antennæ ferruginous: all the *wings* above fulvous, the hind-margin a little spotted with brown.

Monuste. Wings entire white edged with brown.
Inhabits *America*. *Cramer. tab.* 141. *fig.* F. *tab.* 58. *fig.* A.
Lower-wings beneath yellow.

Amaryllis. Wings entire, both surfaces alike, dull white, upper-pair with a black lunule in the middle.
Inhabits *India*. *Jones Fig. pict.* 3. *tab.* 35. *fig.* 1.

Argia. Wings entire white; upper-pair black at the tip.
Inhabits *Sierra Leona*. *Cramer* 17. *tab.* 201. *fig.* B.
Upper-wings with a large brown spot towards the tip beneath: the inner margin with long fasciculate white erect hairs.

Nephte. Wings scalloped white; upper-pair with a black dot above; all of them with a brown one beneath.
Inhabits *China*. *Drury Inf.* 1. *tab.* 12.

Amathonte. Wings rounded white tip with black; margin of the upper-pair beneath nut-brown
Inhabits *America*. *Cramer*. 10. *tab.* 116. *fig.* A. B.
Abdomen snowy with black dorsal spots.

Philete. Wings entire grey; upper-pair above white tipt with brown.
Inhabits *America*. *Antennæ* ferruginous at the tip.
Tip of the *upper-wings* with a brown dot in the middle.

Libythea. Wings entire white; upper-pair brown at the base of the rib and at the tip.
Inhabits *East India*.
Lower-wings with 4 marginal brown dots.

Calypso. Wings entire white; upper pair with a black dot and tip; lower-ones beneath yellowish, the margin dotted with black.

Inhabi

Inhabits *Sierra Leona*. *Cramer*. 13. *tab*. 154. *fig*. C. D. E.
Body grey: *upper-wings* with a brown dot at the thicker-margin, the tip black ſtriate with white; beneath with a black curve, the thicker margin brown, the tip black with 6 yellowiſh ſpots: *lower-wings* with 5 marginal brown ſpots; beneath yellowiſh with 5 marginal black ſpots, a ſtreak of 7 black dots before the margin and a ſingle one in the middle.

**Daplidice* Wings entire white with a brown margin; beneath marked with yellowiſh-white and green.
Inhabits *Europe* and *Africa*. *Cramer tab*. 151. *fig*. C. D.
Donovan's Eng. Inſ. vi. *tab*. 200. *Lewin. tab*. 29.
Lower-wings of the male nearly immaculate, of the female with brown marginal ſpots.

Cneora. Wings entire white, the margin black with a ſtreak of dots.
Inhabits *India*. *Cram*. 8. *tab*. 95* *fig*. C. D. E. F.
Dots on the hind-margin of the *wings* in the male fulvous, female whitiſh: *upper-wings* with a black dot in the middle: *lower-wings* ſomething greeniſh beneath.

Neriſſa. Wings entire white with a black margin; beneath with black veins.
Inhabits *China*. *Cramer*. *Inſ. tab*. 44. *fig*. A.

Demophile. Wings white with 2 brown bands and margin; lower-ones beneath fleſh-colour.
Inhabits *India*. *Clerk. Icon. tab*. 28. *fig*. 4.

Vaneſſa. Wings entire white; upper-pair with a brown exterior margin and black dot; lower-ones with brown ſtreaks.
Inhabits *America*. *Jones Fig. pict*. 6. *tab*. 35. *fig*. 4.
Upper-wings with a few brown curved lines beneath: *lower-wings* beneath yellowiſh.

Hecabe. Wings entire yellow, the outer margin black; beneath dotted with brown.
Inhabits *India*. *Cramer Inſ*. 11. *tab*. 142. *fig*. B. C.

Agave. Wings entire yellow; tip of the upper-pair above black, beneath cheſnut-brown.
Inhabits *Cayenne*. *Cramer* 2. *tab*. 10. *fig*. H. I.
Lower-wings beneath with a ſmall nut-brown ſpot.

**Cardamines.* Wings entire white; upper-pair (of the male) with a large bright orange patch at the tip including 2 black dots; lower-ones beneath marbled with green.

Inhabits

Inhabits *Europe*. *Donovan. tab.* 169. *Lewen. tab.* 30.
Female without the orange tip on the *upper-wings*.
Larva solitary, above greenish beneath whitish: *pupa* green with a lateral white line each side: *thorax* conic ascending.

Genutia. Wings falcate entire white; upper-pair fulvous at the tip; lower-ones marbled with green.
Inhabits *India*. *Jones. Fig. pict.* 3. *tab.* 26 *fig.* 2.
Upper-wings beneath whitish with a black dot in the middle, the the tip greenish: *lower-wings* with a few marginal black dots, beneath marbled with green.

Dorothea. Wings entire white; upper-pair black at the tip; lower-ones beneath with yellow bands speckled with black.
Inhabits *India*. *Jones Fig. pict.* 3. *tab.* 3. *fig.* 2.
Body brown: *upper-wings* with a brown dot before the tip, the base and tip beneath yellowish speckled with black.

Elorea. Wings entire white; upper-pair black at the tip; lower-ones with a black spot and marginal dot.
Inhabits——*Jones. Fig. pict.* 3. *tab.* 25. *fig.* 1.
Body black: rib of the *upper-wings* black at the base.

Nina. Wings entire white; upper-pair with a black spot and tip; lower-ones beneath speckled with green.
Inhabits *India*. In the museum of Sir *Jos. Banks*.
Upper-wings beneath with a black spot towards the tip and a black patch at the base and tip.

Eucharis. Wings entire white; upper-pair fulvous at the tip with a black margin; lower-ones immaculate.
Inhabits *East India*.
Antennæ annulate with white and black: all the *wings* beneath white with a brown spot at the tip.

Nysa. Wings entire white; lower-ones beneath brown with a white dot and 6 yellow lunules.
Inhabits *New Holland*. Museum of Sir *Jos. Banks*.
Upper-wings black at the tip and spotted with white; beneath with a fulvous spot.

Mæa. Wings entire white; lower-ones with a black dot in the middle, beneath yellowish with 2 black dots.
Inhabits *Inata*. *Jones Fig. pict.* 3. *tab.* 25. *fig.* 4.
Upper-wings tipt with brown, beneath yellow on outer margin; *lower-wings* with a black dot in the middle and yellow hind margin.

Chlori-

Chloris. Wings entire white tipt with black; lower-ones beneath fulvous with a broad black margin.
Inhabits *Africa. Cramer Inf.* 18. *tab.* 207. *fig.* F. G.
Antennae varied with white and black: *upper-wings* beneath fulvous at the base: *lower-wings* with a black hind-margin.

Rhodope. Wings entire, both surfaces nearly alike; upper-pair yellow; lower-ones white: all black on the outer-margins.
Inhabits *Sierra Leona.* In the Museum of Sir *Jos. Banks.*
Antennæ black: *body* cinereous; *upper-wings* black striate with yellow on the outer and hind-margins, beneath yellow with 7 black spots at the tip: *lower-wings* with 8 black marginal dots.

Elathea. Wings entire; upper-pair yellow; lower-ones white; all black on the outer margins; beneath cinereous.
Inhabits *America. Cramer Inf.* 9. *tab.* 99. *fig.* C. D.

Aclmeone. Wings with both surfaces alike, yellow at the base and white at the tip.
Inhabits *Tranquebar. Cramer.* 12. *tab.* 141. *fig.* E.
Margin of the *upper-wings* black.

Phryne. Wings entire white edged with black; lower-ones beneath yellow.
Inhabits *America. Cramer. Pap. tab.* 251. *fig.* 9.
Head and *antennæ* black: *upper-wings* beneath yellow on the fore-margin: *lower-wings* beneath yellow edged with black.

Licinia. Wings entire white edged with black; lower-ones beneath immaculate.
Inhabits *India. Cram. t.* 153. *f.* E. F. *Jones* 3. *t.* 17. *f.* 2.
Body black: *upper-wings* whitish, the tip sinuate black, margin of the tip beneath yellowish: *lower-wings* beneath yellow.

Aurota. Wings entire white, the margin black spotted with white; lower ones beneath yellow.
Inhabits *Coromandel. Cram. Pap. tab.* 270. *fig.* A. B.
Upper-wings with a black spot in the middle: *lower-wings* beneath yellow with black veins, the margin black dotted with yellow.

Zelmira. Wings white with a common brown border, upper-pair with a white costal band; lower-ones with a brown streak beneath.
Inhabits.

Inhabits *Tranquebar*. *Cramer. tab.* 320. *fig.* C. D. E. F.
Female browner, with a broader hind-margin on the lower-wings and which is dotted with white.

Pyranthe. Wings white with a black dot and tip; beneath with cinereous waves and a fulvous dot.
Inhabits *East India*, on the Caffia.

Leucippe. Wings entire; upper-pair red edged with black; lower-ones yellow.
Inhabits *Amboina*. *Cramer.* 3. *tab.* 36. *fig.* A,B,C.
Upper-wings with black marginal dots: *lower-wings* fine yellow with sometimes black marginal spots in the female, beneath pale fulvous speckled with black.

Glaucippe. Wings entire white; upper-pair tipt with black; lower-ones beneath cinereous with brown waves.
Inhabits *Asia*. *Cramer.* 14. *tab.* 164. *fig.* A. B. C.
2 Wings entire white; upper-pair tipt with black: lower-ones with a black margin and 6 dots.
The other sex. *Aubent. Miscell. tab.* 91. *fig.* 1, 2.

Coronnis. Wings entire with black veins; above white, beneath greenish.
Inhabits *China*. *Cramer Pap.* 4. *tab.* 44. *fig.* B. C.
Wings with a few brown spots beneath.

Eudoxia. Wings entire white edged with black; beneath fulvous at the base and spotted with black at the margin.
Inhabits *Sierra Leona*. *Jones Fig. pict.* 3. *tab.* 20. *fig.* 2.
Body black: *abdomen* cinereous, black on the back: *upper-wings* white with yellow waves, the tip black with acute yellow spots: *lower-wings* with an indented black margin.

Iphigenia. Wings entire white tipt with black; lower-ones beneath yellowish with a black band in the middle, and an abbreviated fulvous streak.
Inhabits *Surinam*. *Naturf.* 9. *tab.* 2. *fig.* 6.
2 Wings entire white; lower-ones beneath black with a yellow and red streak and white band.
Inhabits *Surinam*. *Cramer.* 6. *tab.* 63. *fig.* A. B.

Teutonia. Wings entire white; lower-ones beneath with black veins and yellow spots.
Inhabits *New Holland*. *Sulz. Hist. Inf. tab.* 15. *fig.* 9.?

Upper-

Upper-wings with a black dot in the middle, the tip black ſpotted with white: *lower-wings* above the edge black with white ſpots, beneath 4 yellow ſpots at the baſe and 8 in the black margin.

Myſis. Wings entire whtte; margin of the lower-ones beneath black with a red band.
Inhabits *New Holland.* Muſeum of Sr. *Joſ. Banks.*
Upper-wings brown at the tip with 5 white ſpots, beneath with a broad yellow inner-margin: *lower-wings* with a black hind-margin.

Argenthona Wings entire white, the border black ſpotted with yellow; lower-ones yellow, the tip black with a rufous macular band.
Inhabits——*Jones Fig. pict.* 3. *tab.* 12. *fig.* 2.
Lower-wings beneath yellow at the baſe. the tip black with a band compoſed of 8 oblong rufous white ſpots.

Nigrina. Wings entire white tipt with black; beneath black, with a ſanguineous flexuous ſtreak on the lower-ones.
Inhabits *New Holland.* In the Muſeum of Sr. *Joſ. Banks.*
Upper-wings with a broad black tip ſubfaſciate with 5 whitiſh ſpots, beneath entirely black with a yellow band at the tip: *lower-wings* whitiſh edged with black, beneath black with a red ſpot at the baſe and flexuous band in the middle.

Maria. Wings white; upper-pair brown with a broad white band.
Inhabits *Eaſt India.* *P. Cneora. Fab. p.* 200. *n.* 626.
Lower-wings white edged with brown, beneath a yellow patch at the baſe.

Saba. Wings entire black with a common white band.
Inhabits *Sierra Leona.* In the muſeum of Sir. *Joſ. Banks.*
Upper-wings with a few white dots towards the tip: all of them beneath yellowiſh at the baſe.

Coronea. Wings entire white edged with black; beneath black radiate with fulvous at the baſe.
Inhabits *Surinam.* *Cramer.* 6. *tab.* 68. *fig.* A. B.

Melania. Wings entire white tipt with black; lower-ones dull glaucous beneath.
Inhabits *New Holland.* In the muſeum of Sir. *Joſ. Banks.*
Body brown: *antennae* black: *upper-wings* black at the tip with white ſpots; beneath white with a fulvous ſpot at the baſe, the tip black ſpotted with white: *lower-wings* white with a blueiſh gloſs and broad brown margin, beneath glaucous.

Scylla.

Scylla. Wings entire yellow; upper-pair white with a black border; all of them clouded beneath.
Inhabits *India*. *Cramer Pap.* 1. *tab.* 12. *fig.* C. D.

Flippantha. Wings entire; upper-pair white with a black spot and tip; lower-ones yellow; beneath nut-brown at the tip.
Inhabits——*Jones Fig. pict* 3 *tab.* 8. *fig.* 2.
Body black covered with cinereous hairs: *upper-wings* beneath with a nut-brown tip and spot: *lower-wings* above yellow, the margin spotted with black.

Judith. Wings entire, both surfaces alike, upper-pair white with black veins and margin; lower-ones fulvous edged with black.
Inhabits *Poulicandor*. In the museum of Sir *Jos. Banks*.
Antennae black annulate with white: *body* hairy cinereous: *lower-wings* with a few fulvous spots.

Amata. Wings fulvous bordered with black, beneath greenish.
Inhabits *India*. *Cramer*. 30. *tab.* 351. *fig.* A. B.
Outer and hind-margin of the *upper-wings* black with fulvous dots: all of them beneath greenish, upper ones with 2 brown dots at the inner-margin, lower-ones with one in the middle.

Cypræa. Wings entire fulvous, the margin black with fulvous spots; beneath greenish with a fulvous dot and moniliform streak.
Inhabits *India*. *Cram. tab.* 53. *fig.* C. D *t.* 351. *f.* C. D.

Danae. Wings white; upper-pair saffron at the tip with a black band and margin; beneath with an abbreviated moniliform streak.
Inhabits *East India*; small.
Upper-wings with a yellowish blotch, a black band and edge all round, and a black dot in the middle; beneath pale ash at the tip with a short streak of 5 subocellar brown dots with a white pupil, a black dot in the middle: *lower-wings* spotted with black on the hind-margin; beneath cinereous with a streak of 5 subocellar ferruginous dots and 1 in the middle.

Pyrene. Wings rounded yellow (with a fulvous spot in the middle) the tip black; lower-ones beneath with 7 ocellar white spots.
Inhabits *America*. *Cramer*. 19. *tab.* 217. *fig.* D. E.

Antennæ

Antennæ black, the club ferruginous at the tip: *lower-wings* edged with black: all of them beneath with marginal black dots, lower-ones with 7 white dots ſurrounded with a ferruginous iris.

Rahel. Wings entire yellow; above edged with black, beneath immaculate.
Inhabits *India.*
Head and *thorax* brown: *abdomen* whitiſh, black on the back: *upper-wings* with a black band at the tip.

Meſſalina. Wings entire white tipt with black; beneath yellow with a marginal cheſnut-brown ſpot.
Inhabits *India.*
Wings beneath yellow, upper-pair with a brown ſpot at the tip, lower-ones with brown ſpecks and marginal ſpots.

Enippe. Wings yellow; all of them beneath with ocellar brown dots, on the upper-pair 6, lower-ones 7.
Inhabits *China. Cram.* 105. *fig.* C, D. 157. *fig.* C. D.
Upper wings black at the tip with a large fulvous ſpot, beneath with a black dot in the middle and 6 ocellar white ſpots with a black iris: margin of the *lower-wings* dotted with black, beneath with a black dot in the middle and 7 ocellar white ones with a black iris.

Enippe. Wings entire yellowiſh; upper-pair tipt with black; lower-ones white beneath.
Inhabits *Aſia. Cramer.* 8. *tab.* 91. *fig.* D,E,F,G.
Tip of the *upper-wings* black with a fulvous ſpot, all with a black dot in the middle beneath.

Charmione. Wings entire, both ſurfaces alike, white with a black border which on the upper-wings has 2 yellow ſpots and one on the lower.
Inhabits *Johanna Iſland. Jones* 2. *tab.* 1. *fig.* 2.

Tritc. Wings entire yellow; upper-pair white above the margin; all of them with a ferruginous ſtreak beneath.
Inhabits *Africa* and *Europe. Cram.* 12. *tab.* 141. *fig.* C. D.

**Eduſ.* Wings entire fulvous with a black dot and margin; beneath greeniſh, upper-pair with a black dot, lower with a ſilvery one.
Inhabits *Europe. Donovan.* ii. *tab.* 43. vii. *tab.* 238. *fig.* 2.
Antennae fulvous: *lower-wings* with a deep fulvous ſpot in the middle.

Eupheno. Wings entire yellow; tip of the upper-pair black, fulvous in the middle; lower-ones with 3 brown ſtreaks beneath.
Inhabits *Southern Europe*; ſize of the laſt.

Belia. Wings entire white; lower-ones ſubfaſciate with grey beneath.
Inhabits *Barbary*. *Cramer tab.* 297. *fig.* A. B.
Upper-wings white with a black ſpot in the middle, the tip black with white dots.

Phronima. Wings entire white, baſe of the rib and tip black; lower-ones beneath yellowiſh with 2 darker bands.
Inhabits *America*. *Cramer tab.* 153. *fig.* E. F.
Abdomen pale, black on the back: *upper-wings* yellowiſh at the tip with a black band before it.

Pſamathe. Wings entire white; tip of the upper-pair black ſpotted with white; lower-ones beneath greeniſh with 2 darker bands, the fore-moſt incurved.
Inhabits *America*. *Jones Fig. pict.* 3. *tab.* 14. *fig.* 1.

Palæno. Wings entire yellow with a black tip and fulvous margin; lower-ones with a ſilvery dot beneath.
Inhabits *Europe*. *Cramer.* 29. *tab.* 340. *fig.* A. B.
Antennæ red: margin of the *wings* fringed with red hair: *wings* very rarely whitiſh.
Larva a little hairy, green with yellow lines and black dots.

* *Hyale.* Wings entire yellow, the tip black ſpotted with white; lower-ones with a fulvous ſpot, a ſilvery dot with a ſmaller contiguous one beneath.
Inhabits *Europe*. *Donovan.* vii. *t.* 238. *f.* 1. *Lewin. t.* 33.
Male with the margin of the wings black immaculate, *female* ſpotted: *wings* ſometimes pale white.
Larva ſilky green with a lateral white line and dotted with yellow: *pupa* green with a yellow lateral line.

Aurora. Wings entire fulvous; upper-pair with an ocellar dot beneath: lower-ones with a double ſilvery one.
Inhabits *Siberia*. *Eſp. Pap.* 1. *tab.* 83. *fig.* 3.
Probably a mere variety of the laſt.

Nicippe. Wings entire fulvous tipt with brown; upper-pair with a black lunule each ſide; lower-ones beneath ſpeckled with red.

Inhabits

Inhabits *Virginia*. *Jones Fig. pict.* 3. *tab.* 39. *fig.* 2.
Tip of the *wings* sinuate with a broad patch of brown above.

Lesbia. Wings entire fulvous; upper-pair with a brown dot; all of them beneath pale with a snowy dot.
Inhabits *Patagonia*. In the museum of Sir *Joseph Banks*.
Body grey: *upper-wings* with a brown margin and dot; the snowy dot beneath surrounded with a brown ring.

Sennæ. Wings yellow; each of them beneath with a double ferruginous dot.
Inhabits *America*. *Sloan. Jamaic.* 2. *tab.* 236. *fig.* 11, 12.
Tips of the *wings* sometimes black sometimes immaculate.

Marcellina. Wings entire yellow; each of them beneath with a double silvery dot.
Inhabits *Surinam*. *Cramer.* 14. *tab.* 163. *fig.* A, B, C.
Margin of the *wings* above dotted with black.

Eubule. Wings entire yellow, the margin dotted with black; lower-ones beneath with a double silvery ferruginous dot.
Inhabits *Carolina*. *Cramer.* 10. *tab.* 120. *fig* F. G.
In one sex the *upper-wings* have a ferruginous eye in the middle and the margin spotted with brown, in the other the wings above are immaculate.

Catilla. Wings yellow; upper-pair with a black dot and margin; all of them beneath with a chesnut spot, which on the lower-ones contains a double silvery dot.
Inhabits *Tranquebar*. *Cramer. tab.* 229. *fig.* D, E.
All the *wings* beneath sulphur with a large chesnt-brown spot in the middle and lunules, which on the upper-pair contains a ferruginous dot.

Proterpia. Wings entire angular fulvous; upper-pair with a black exterior margin.
Inhabits *Jamaica*. In the museum of Dr. *Hunter*.
Upper-wings with a broad black margin, the hind-part striate with black beneath immaculate: *lower-wings* angular, the hind-margin striate with black, beneath yellowish speckled with brown.

Gnoma. Wings white; upper-pair with a black dot: all of them beneath with a silvery dot.
Inhabits *India*. *Cramer.* 30. *tab.* 361. *fig.* C, D.

Upper-wings wtth marginal brown dots, beneath glaucous with a silvery dot in the middle surrounded with a ferruginous ring: *lower-wings* the same beneath.

Drya. Wings yellow; lower-surface of the upper-pair with a ferruginous dot, of the lower-ones with a silvery one.
Inhabits *America*. *Cramer*. 10. *tab*. 120. *fig*. C, D.
Wings hardly angular, the silvery dot on the lower-ones surrounded with a ferruginous ring.

Philippa. Wings entire yellow; upper-pair acuminated varied with black and with a black dot; lower-ones with a red dot: all with a silvery one beneath.
Inhabits ——*Jones Fig. pict.* 2 *tab*. 32. *fig*. 1.
Body yellowish: *upper-wings* black at the base, the middle yellow with a black dot, the tip black spotted with yellow; beneath pale with a silvery dot in the middle, the iris black: *lower-wings* dotted with black at the hind-margin.

* *Rhamni.* Wings entire angular yellow; each with a ferruginous dot in the middle.
Inhabits *Europe*. *Donovan*. v. *tab*. 145. *Lewin*. *tab*. 31.
Male brimstone yellow, *female* very pale.
Larva smooth green with a darker dorsal line: *pupa* gibbous, pointed before.

Philea. Wings entire angular yellow; upper-pair with a pale spot, lower-ones with a pale border.
Inhabits *India*. *Cramer* 15. *tab*. 173. *fig*. E. F.
All the *wings* beneath with a double white dot surrounded with with a purple ring.

Cipris. Wings slightly tailed yellow, the margin dotted with black.
Inhabits—— *Jones Fig. pict.* 3. *tab*. 39. *fig*. 1.
Body large yellow: *antennae* black; all the *wings* beneath yellow speckled with black, upper-pair with a single dot surrounded with a red iris, lower-ones with 2, the iris black.

Mærula. Wings entire angular yellow; upper pair with a black spot and ferruginous one beneath; lower-onns with a ferruginous spot both sides.
Inhabits *India*. *Cram*. 11. *tab*. 129. *fig*. A. B.
Antennae ferruginous: *body* yellow: *upper-wings* with a square black spot in the middle and small marginal ferruginous dots, beneath with a yellow dot in the ferruginous spot: *lower-*

wings

wings with a ferruginous ſpot in the middle and ſmall marginal ones, beneath with a double ferruginous ſpot including a yellow dot.

Pomona. Wings ſubangular white; upper-pair with a black dot; beneath yellow with 2 ſilvery dots on the lower-ones.
Inhabits *New Holland.* In the Muſeum of Sir *Joſ. Banks.*

Florella. Wings ſubangular white; upper-pair with a brown dot; lower-ones beneath with 3 ſilvery dots.
Inhabits *Africa.* In the Muſeum of Sir *Jos. Banks.*
Upper-wings with a few brown ſpots at the tip, beneath yellowiſh with fulvous ſpecks and a fulvous ſpot in the middle ſurrounded with a brown ring: *lower-wings* beneath yellowiſh ſpeckled with brown, the ſilvery dots in the middle ſurrounded with a brown ring.

Cleopatra. Wings entire; upper-pair with a fulvous diſk above and ferruginous dot beneath; lower-ones with a ferruginous dot each ſide.
Inhabits *Europe* and *Africa. Cram.* 11. *tab.* 131. *fig.* E.
One *Sex* is without the fulvous ſpot on the diſk.

Nymphales.

Jaſius. Wings 2-tailed brown, yellowiſh behind; beneath with a white band and characters.
Inhabits *Africa* and *Barbary. Cramer* 28. *tab.* 329. *f.* A. B.
Band on the *lower-wings* more diſtinct.

Pyrrhus. Wings tailed brown with a common white band, reaching half way on the upper-pair
Inhabits *India. Cramer. Inſ.* 8. *tab.* 89. *fig.* C. D.

Camillus. Wings 2-tailed white with fulvous bands edged with black; lower-ones with a black caudal ſpot
Inhabits *Africa.* In the Muſeum of Sir *Joſ. Banks.*
Upper-wings with 2 fulvous bands edged with black, then 2 abbreviated ones, next an entire one, then brown ſtreaks: *lower-wings* with fulvous and brown bands: one of the *tails* acute black with white lines, the other obtuſe fulvous with 2 black dots.

Sempronius Wings 2-tailed white, the margin black dotted with white.
Inhabits ——*Jones Fig. pict.* 5. *tab.*——.

Body

Boay large white · *antennae* black : *upper-wings* beneath varied with white green and black and a blue ſtreak ; *lower-wings* beneath with 3 fulvous ſpots at the angle of the tail marked with black, the hind-margin black with yellow lunules.

Tiridates. Wings indented 2-tailed, above black ſpotted with blue, the margin dotted with white.
Inhabits *Amboina. Cramer* 13. *tab.* 161. *fig.* A. B.
All the *wings* with 2 ſtreaks of blue dots and a marginal ſtreak of white ones; beneath ſpotted with brown yellow and blue, the hind-ſpots on the *lower-wings* with a white pupil.

Caſtor. Wings indented 2-tailed, fulvous edged with black - beneath with a white band and white ſpots including a black one.
Inhabits *Guinea. Cramer tab.* 37. *fig.* E. F.
Wings beneath purpliſh with white ſpots at the baſe in which are black ones, a white band in the middle and ocellar ſpots at the tip.

Pollux. Wings indented 2-tailed, brown with a yellow band; beneath with a white band and ſpots including a black one.
Inhabits *Guinea. Cramer* 4. *tab.* 37. *fig.* C. D.

Æclus. Wings indented 2-tailed; above black; beneath cinereous with black waves and an ocellar fulvous ſpot.
Inhabits *Amboina. Cramer* 27. *tab.* 317. *fig.* A. B.
Upper-wings with a few white dots, lower-ones immaculate.

Paullus. Wings indented 2-tailed, fulvous tipt with black: lower-ones beneath variegated with a white ſpot at the baſe.
Inhabits *Jamaica. Jones Fig pict. tab.* 78. *fig.* 2.
Upper-wings black with fulvous ſpots and a ſingle white one: *lower-ones* fulvous, the margin ſtreaked with black: beneath varied with blue ſtreaks.

Etheeclus. Wings 2-tailed blue-brown with a white band each ſide; lower-ones edged with green.
Inhabits *Sierra Leona. Cram.* 10. *tab.* 119. *fig.* D. C.
Wings beneath cheſnut-brown with a white band and blue lines at the baſe, the tip with black ſpots: angle of the *tail* green with cheſnut ſpots.

Fabius.

Fabius. Wings indented 2-tailed, brown with yellow bands; the base beneath with black waves, the tip with fulvous dots.

Inhabits *India*. Museum of Sir *Jos. Banks*.

Body brown: *head* with 4 white dots: *lower-wings* spotted with yellow at the margin: all the *wings* beneath glaucous, the base waved with black, in the middle a whitish band and a streak of fulvous dots at the tip which in the lower-ones is double.

Horatius. Wings indented 2-tailed black; lower-ones sanguineous at the tip with black ocellar dots.

Inhabits——*Jones Fig. pict.* 5. *tab.* 16. *fig.* 2.

Head with 4 white dots: *upper-wings* with a common red marginal abbreviated band and dot, beneath cinereous with 3 black dots at the base: *lower-wings* with a broad sanguineous hind-margin in which are 5 black dots with a white pupil: beneath cinereous with a darker band in the middle, towards the margin is a rufous streak with black and blue lunules.

Eudoxus. Wings tailed black with a common red band; beneath with silvery spots including black ones.

Inhabits *Africa*. *Drury.* 3. *tab.* 33. *f.* 1. 2. *Jones* 5. *tab.* 53.

Margin of the *upper-wings* spotted with rufous, of the *lower-wings* rufous.

Cocles. Wings slightly tailed streaked with white and yellowish and a white band in the middle; lower-ones beneath with a streak of ocellate dots.

Inhabits *Siam*. In the Museum of Sir *Jos. Banks*.

Antennæ black annulate with white: *body* cinereous: *upper-wings* beneath with a single ocellar spot towards the margin: *lower-wings* beneath with a streak of 6 white dots, the iris yellowish and pupil black: outer *tail* acute, inner very short rounded, above with blue lunules beneath with a black spot.

Miltiades. Wings tailed brown; lower-ones with a white spot all beneath with a commoa white band and single eye.

Inhabits——*Jones Fig. pict.* 5. *tab.* 80. *fig* 2.

Upper wings with a ferruginous spot in the middle and 2 white dots at the tip, beneath paler with 2 black streaks at the base, the eye with a yellow iris but no pupil: *lower-wings* with a yellow marginal streak, beneath as in the upper-ones but the band is dilated in the middle with a black eye.

Faranes. Wings tailed, above brown with fulvous and black spots, the base white.

Inhabits

Inhabits *India*. *Cramer tab.* 106. *f.* D. E. *tab.* 388. *f.* A. B.
Wings beneath greenish at the base, the tip subfulvous with 2 streaks of blue dots on the lower-ones.

Themistocles Wings tailed chesnut brown with brown bands; lower-ones with 2 black dots.
Inhabits——*Jones Fig. pict.* 5. *tab.* 70. *fig.* 2.
Wings beneath with 3 black dots at the angle of the tail.

Periander. Wings tailed, both surfaces alike, white with yellow bands, the tip brown streaked with white.
Inhabits *India*. In the Museum of Sir *Jos. Banks.*
Body white: *antennae* black: *upper-wings* a little angular with 5 yellow bands: hind-margin of the *lower-wings* brown with 3 white flexuous streaks and a few white spots before the margin with a black lunule.

Lycurgus. Wings tailed black with blue marginal lunules, behind which are 5 white dots on the lower-ones.
Inhabits *Africa*. *Jones* 5. *f.* 60. *f.* 1. *Drury* 3. *tab.* 26.
Upper-wings beneath brown with 2 small black dots at the base *lower-wings* beneath with a nut-brown band and marginal white dots.

Decius. Wings tailed with a common white band; lower-ones rufous at the tip, with 2 eyes and 2 white dots.
Inhabits *Guinea*. *Cramer* 10. *tab.* 114 *fig.* A. B.
All the *wings* grey at the base and black at the tip with a macular ferruginous streak, lower-ones ferruginous at the tip with 2 black eyes, the pupil blue, and 2 white dots at the angle of the tail. Beneath ferruginous at the base with blue lunules and variegated at the tip, lower-wings with 7 eyes, the last with a double pupil.

Sabinus. Wings tailed brown with a fulvous band; beneath grey with a white band and ocellar dots.
Inhabits *Amboina*. *Cramer.* 25. *tab.* 289 *fig.* A, B, C, D.
Wings above variegated at the margin, beneath with white ocellar dots surrounded with a chesnut ring.

Dorens. Wings tailed, with a green band above and a white one beneath
Inhabits *Africa*. In the Museum of Sir *Jos. Banks.*
Antennae subfiliform black: *head* and *thorax* black spotted with white: *upper-wings* slightly indented, black with white indentations, beneath with a few white spots at the hind-margin: *lower-wings* with white indentations and a thin black inner margin, beneath with a few white dots at the hind-margin.

Palamedes

Palamedes. Wings tailed black with yellow marginal lunules; upper-pair with a yellow band, lower-ones with a macular rufous band.

Inhabits *America.* In the muſeum of *Dr. Hunter.*

Body large, above black with 4 yellow ſpots on the neck, beneath yellow: *upper-wings* falcate with a curved band and yellow marginal ſpots at the baſe: *lower-wings* with a band of rufous lunules, behind this one of obſolete blue lunules and yellow marginal ones: angle of the tail with a rufous lunule.

Orontes. Wings tailed black with 2 greeniſh bands, the tail white and diſtant.

Inhabits *India. Cramer Inſ.* 7. *tab.* 38. *fig.* A. B.

Ægiſtus. Wings tailed undulate with brown and yellow and about 3 caudal eyes.

Inhabits *India. Cramer Inſ.* 17. *tab.* 200. *fig.* A. B. C.

Solon. Wings tailed black with a yellowiſh band, brown at the baſe.

Inhabits——*Jones. Fig. pict.* 5. *tab.* 63. *fig.* 2.

Hind-margin of the *wings* dotted with yellow: beneath cinereous with a few black waves at the baſe, a common yellowiſh band in the middle and obſolete ſpots at the tip.

Empedocles. Wings tailed brown: upper-pair with an abbreviated macular green band: lower-ones beneath with 2 black ſpots and a rufous lunule at the angle of the tail.

Inhabits *India.* In the Muſeum of Sir *Joſ. Banks.*

Body brown covered with white wool: tip of the *wing-tail* whitiſh.

Euryalus. Wings tailed black; lower-ones blue before the margin with black ſpots including a white pupil.

Inhabits *Amboina. Cramer.* 7. *tab.* 74. *fig.* A. B.

Upper-wings with a brown band: *lower-wings* with 7 black ſpots, the pupil white: all beneath variegated with brown red and blue and a diſtinct yellow band.

Niſus. Wings tailed black; upper-pair with a fulvous band, lower-pair with a ſubmarginal white one.

Inhabits *Amboina. Cramer* 13. *tab.* 150. *fig.* A. B.

Lower-wings with a band of blue lunules, then a ſtreak of white dots and a ſubmarginal white band: all beneath variegated.

Phidippus. Wings ſlightly tailed brown; beneath with white biocellate bands and 2 blind eyes at the tail.
Inhabits *India. Cramer Inſ.* 6. *tab.* 69, *fig.* A. B.
Wings above brown beneath grey with whitiſh bands; lower-ones with 2 eyes beneath.

Xiphares. Wings indented tailed black; upper-pair with white ſpots; lower-ones with a yellow band.
Inhabits *Africa. Cramer.* 32. *tab.* 377. *fig.* A. B.
Lower-wings with a broad indented yellow band and marginal lunules; beneath pale aſh with a white band and waved yellow ſtreak,

Aurelius. Wings ſlightly tailed brown, the tip black ſpotted with white; lower-ones with 2 eyes beneath.
Inhabits *India. Cramer Inſ* 14. *tab.* 168. *fig.* A. B.
Wings beneath white with brown bands.

Bernardus. Wings tailed fulvous; upper-pair black at the tip with a yellow band; lower-ones with a ſtreak of ocellate dots.
Inhabits *China. Jones Fig. pict.* 4. *tab.* 65. *fig.* 2.
Body large fulvous: *antennæ* black: *upper-wings* with a ſmall yellow dot behind the band; *lower-wings* with a ſtreak of 7 black dots, the pupil white: beneath variegated, lower-ones with an obſolete ſtreak of white and black dots.

Gerdrutus. Wings tailed brown; upper-pair with an ocellate ſpot at the tip; beneath ferruginous with a white dot on the upper and 2 on the lower-ones.
Inhabits——*Jones Fig. pict.* 4. *tab.* 5. *fig.* 2.
Upper-wings with a fulvous ſpot towards the tip, the tip with a black ſpot and fulvous lunule with a white pupil: *lower-wings* immaculate, truncate at the tip: all beneath pale ferruginous with a darker ſtreak or two.

Chorinaeus. Wings tailed brown; upper-pair falcate with a fulvous band.
Inhabits *Surinam. Cramer.* 25. *tab.* 294. *fig.* A. B.
Upper-wings with a white dot at the tip; beneath pale aſh with thin brown ſtreaks and a white dot at the tip: *lower-wings* beneath with thin brown ſtreaks and tranſverſe line and 4 white dots at the hind margin.

Laertes. Wings tailed brown, blue at the baſe; lower-ones above with 5 white dots, beneath with 4 ocellar ones.
Inhabits *Surinam. Cramer.* 7. *tab.* 73. *fig.* C. D.

Morpho.

Morzus. Wings tailed above brown with a blue base; beneath greenish-grey.
Inhabits *India*. *Cramer. Inf.* 4. *tab.* 48. *fig.* A. B.
Upper-wings much emarginate at the inner margin.

Octavius. Wings tailed black with an abbreviated green band; beneath grey with a brown streak.
Inhabits *India*. *Jones Fig. pict.* 5. *tab.* 101. *fig.* 1.

Eribotes. Wings slightly tailed, fulvous with a blueish base; beneath grey.
Inhabits *India*. In the museum of Dr. *Hunter*.
Upper-wings ferruginous, the base blue, the tip brown.

Ilys. Wings slightly tailed fulvous tipt with yellow; beneath variegated at the base, lower-ones blue at the base.
Inhabits *Surinam*. *Cramer*. 10. *tab.* 119. *fig.* F. G.
Outer margin of the *upper-wings* beneath dotted with blue.

Cymodoce. Wings slightly tailed brown, the base shining blue; lower-ones with a single eye each side.
Inhabits *Surinam*. *Cramer* 9. *tab.* 99. *fig.* G. H.
Upper-wings with a whitish patch towards the tip and a black streak: *lower-wings* with a ferruginous eye, the pupil white, beneath with a ferruginous streak and adjoining blue one, towards the tip a black eye and few dots.

Basaltide. Wings slightly tailed fulvous tipt with black; under-surface of the upper-pair with 2 ocellate dots, of the lower-ones with 3.
Inhabits *Surinam*. *Cramer* 9. *tab.* 102. *fig.* C. D.
Before the tip are 2 yellow spots and a line, and at the tip 2 white dots: all beneath yellow at the base with a black streak.

Arsinoe. Wings indented tailed fulvous spotted with black; lower-ones with 2 eyes beneath.
Inhabits *Amboina*. *Cramer* 14. *tab.* 160. *fig.* B. C.
Lower-wings with 2 black eyes, upper-ones with a blue pupil, lower with a white one; a white dot beneath at the angle of the tail.

Pantkera. Wings indented tailed brown, beneath waved; lower-ones with 2 eyes on the disk and 5 blueish ones on the margin.
Inhabits *Tranquebar*; middle-sized.

Inhabits

Wings above black edged with brown; lower-ones with 2 small eyes on the disk, the pupil blueish, the tip browniſh-aſh with 5 black eyes, the pupil blueiſh.

Robria. Wings indented tailed brown; upper pair with a white band; lower-ones with 7 eyes beneath moſt of them dotted with white.

Inhabits *India.* Club of the *antennæ* ferruginous at the tip.

Upper-wings with 2 white ſpots at the tip, the margin dotted with white. Beneath brown with glaucous waves, upper-pair with a white band and 3 blind eyes, lower-ones with 7 eyes moſt of them with white dots and marks.

Rebecca. Wings indented tailed brown immaculate; beneath paler with 2 nut-brown ſtreaks and white ſubocellar dots.

Inhabits *Guinea.*

Wings beneath with 5 white ſubocellar dots in each.

Erota. Wings ſlightly tailed brown with black waves and a common white band in the middle; lower-ones with 7 eyes each ſide.

Inhabits *Africa. Jones Fig. pict.* 4. *tab.* 39. *fig.* 1.

Wings beneath yellowiſh at the baſe with ferruginous ſtreaks, the tip whitiſh with ferruginous ſtreaks, and 2 eyes on the lower-ones.

Europa. Wings ſlightly tailed brown; lower-ones beneath with a whitiſh ocellar band.

Inhabits *America. Cramer.* 7. *tab.* 79. *fig.* C. D.

In one *Sex* the *upper-wings* brown with a white band and few ſpots at the tip; beneath a white band and ſtreaks, 4 ſmall approximate eyes with a brown pupil towards the tip: *lower-wings* angular, above brown with a ſcalloped white ſtreak on the margin and a few darker ſpots on the diſk; beneath white with a white ſtreak on the diſk and margin, in the middle a broad band of 6 confluent eyes, the iris white, pupil large black, the hinder-one with a double pupil. The other *Sex* above immaculate, beneath 6 eyes on the upper-wings.

Acheronta. Wings indented tailed; upper-pair red at the baſe, the tip black ſpotted with white.

Inhabits *Braſil. Cramer. Inſ.* 2. *tab.* 22. *fig.* A. B.

Upper wings ſubfalcate, beneath glaucous with 3 greeniſh ſpots at the baſe, a thin waved black ſtreak in the middle, a dark band at the tip ending in a white ſpot at the thicker margin. *lower-wings* brown with a ferruginous hue, beneath glaucous with 3 greeniſh ocellar ſpots at the baſe, a waved black ſtreak

in the middle and brown band, towards the hind-margin a black dot.

Troglodyta. Wings indented tailed rufous, with a brown ſtreak and hind-margin.

Inhabits *America.* In the Muſeum of Dr. *Hunter.*

Upper-wings falcate with a brown ſpot in the middle: *lower-wings* with a few ferruginous dots in the brown margin: all beneath grey ſpeckled with brown.

Thetys. Wings indented tailed fulvous with black ſtreaks; lower-ones beneath glaucous dotted with black.

Inhabits *South America.* *Cramer* 8. *tab.* 87. *fig.* D. E.

Antennae above black beneath white: *upper-wings* falcate indented, beneath variegated with glaucous and brown: *lower-ones* with 2 black dots at the angle of the tail ſurrounded with a white ring and 2 lunules at the wing-tail, beneath glaucous with an oblique brown ſtreak at the baſe and a ſtreak of ſubocellate dots towards the hind-margin.

Portia. Wings indented tailed; beneath grey ſpeckled with black.

Inhabits *South American Iſlands.*

Body fulvous: *antennae* black: *upper-wings* falcate fulvous with a black dot at the thicker margin, waved ſtreak in the middle, and black hind-margin: *lower-wings* fulvous darker at the tip, beneath 2 diſtinct black dots at the hind-margin.

C. aureum. Wings indented tailed fulvous ſpotted with black; lower-ones marked with a gold C. beneath.

Inhabits *Aſia.* *Cramer. Inſ.* 2. *tab.* 19. *fig.* E. F.

Iſidore. Wings falcate tailed fulvous; upper-pair with 2 pale dots in the middle and black at the tip.

Inhabits *India.* *Jones Fig. pict.* 5 *tab.* 7. *fig.* 1.

Lower-wings with a brown ſtreak: all of them beneath yellowiſh with brown ſtreaks.

Bella. Wings ſlightly tailed teſtaceous; upper-pair black at the tip with a yellow band and white ſpots; margin of the lower-ones yellow with black ſtreaks.

Inhabits *India.* *Jones Fig. pict* 5. *tab.* 83. *fig.* 1.

Wings beneath variegated, lower-ones with 4 ſubocellar brown ſpots.

Furcula. Wings tailed brown, fulvous at the baſe; upper-pair with a blue band.

Inhabits *India.* *Jones Fig. pict.* 5. *tab.* 79. *fig.* 1.

Body fulvous: *lower-wings* with a black dot ſurrounded with a ferruginous ring at the angle of the tail: all beneath ferruginous at the baſe, the middle olive with 2 blueiſh ſtreaks, the tip fleſh-colour with ocellar black dots.

Eurocilia.

Eurocilia. Wings indented tailed brown with a common fulvous disk; lower-ones variegated beneath.
Inhabits *India.* *Jones Fig. pict.* 5. *tab.* 35. *fig.* 2.
Upper-wings falcate, with a black spot at the base and 5 white dots; beneath yellow at the base spotted with black, the tip brown variegated: *lower-ones* beneath variegated.

Phorcys. Wings slightly tailed indented brown; beneath with darker streaks and 2 cinereous dots on the lower-ones.
Inhabits *India.* *Jones Fig. pict.* 3. *tab.* 78. *fig.* 1.

Chelys. Wings indented tailed brown; beneath variegated, with a streak of yellowish dots.
Inhabits *India.* *Jones Fig. pict.* 3. *tab.* 78. *fig.* 2.
Wings beneath variegated with yellowish and brown

Lethe. Wings indented tailed fulvous; upper-pair black at the tip with a yellow band and spots.
Inhabits *India.* *Jones Fig. pict.* 5. *tab.* 18. *fig.* 2.
Body brown, fulvous at the sides: *lower-wings* yellow at the margin with a black streak: beneath variegated with yellow and rufous.

Aflina. Wings tailed brown with a common fulvous disk; upper-pair with a black lunule.
Inhabits *St. Thomas Island.* *Jones* 5. *tab.* 80. *fig.* 1.
Wing-tails long: *wings* with brown waves beneath.

Fatima. Wings slightly tailed black with a common yellow band; lower-wings with the band abbreviated and 4 rufous spots.
Inhabits *India.* *Jones Fig. pict.* 5. *tab.* 12. *fig.* 1.
Upper-wings with 4 yellow dots at the tip: *wings* beneath nut-brown with an entire yellow band, in the upper-pair a yellow streak behind the band, in the lower-ones an interrupted rufous band before the yellow-one.

Achilles. Wings indented black with a broad blue band; beneath brown with 3 or 5 eyes.
Inhabits *America.* *Naturalist's Miscellany.* *tab.* 68.
Cramer. 3. *tab.* 27. *fig.* A, B. *tab.* 28. *fig.* A, B.
Upper-wings with 2 rows of pale spots behind the band, the indentations of the margin white: *larva* yellow: *pupa* green.

Medon. Wings above black; upper-pair with a yellow band and white at the tip, lower-ones with a blueish disk.
Inhabits

Inhabits *India*. *Cramer. Inf.* 17. *tab.* 205. *fig.* B,C,D.
All the *wings* beneath grey with 3 black dots at the base.

Erithronius Wings indented black, lower-ones with a blue band: beneath green with a streak of white dots.
Inhabits *Africa*. In the museum of Dr. *Hunter*.
Upper-wings white at the tip: all greenish beneath with black dots at the base, the streak of white dots consists of 3 in the upper and 6 in the lower-wings.

Ceres. Wings indented black; upper-pair with a white band; disk of the lower-ones blueish with a black dot.
Inhabits *Sierra Leona*. *Cramer*. 13. *tab.* 156, *fig.* A, C.
Feelers and club of the *antennæ* ferruginous: *upper-wings* with a whitish tip and common blueish spot at the inner margin, beneath cinereous with 3 black spots at the base and a white band before the tip: *lower-wings* beneath grey spotted with black at the base, with a macular black band before the hind-margin.

Ursula. Wings indented black; hind-ones with a blueish border and marginal black band: beneath with fulvous spots.
Inhabits *America*. In the museum of Dr. *Hunter*.
Upper-wings with a marginal streak of blueish and white dots, beneath 2 fulvous spots surrounded with a black ring: *lower-wings* with 4 fulvous spots surrounded with a black ring at the base, and a row of 7 fulvous dots towards the tip.

Cato. Wings indented black with a common greenish disk; beneath dotted with black, with a rufous spot at the base of the lower-ones.
Inhabits *Sierra Leona*. *Cramer*. 4. *tab.* 39. *fig.* D, E.
Disk of the *lower-wings* sometimes yellowish.

Philoctetes. Wings indented brown; lower-ones with 2 eyes, the pupil black, and 3 white dots.
Inhabits *India*. *Cramer*, 2. *tab.* 20. *fig.* A,B,C.
Upper-wings with a linear white band, and a transverse black one beneath.

Menetho. Wings indented brown, the margin spotted with yellow; lower-ones with 3 eyes beneath.
Inhabits *India*. *Jones Fig. pict.* 5. *tab.* 61.
Wings beneath yellowish with 2 common brown bands.

Lucretius. Wings indented black with fulvous bands, beneath with black spots surrounded with a blue line.
Inhabits *Guinea.* *Cramer Ins.* 7. *tab.* 82. *fig.* E, F.

Epistrophus. Wings indented grey-white; upper-pair black at the tip; lower-ones with a streak of yellow eyes beneath.
Inhabits *America.* *P. Laertes.* *Jones.* 5. *tab.* 46. *fig.* 1.
Upper-wings with a black lunule in the middle: *lower-ones* with black marginal lunules, beneath an abbreviated streak of 6 brown spots with a broad yellow iris and white pupil.

Stelenes. Wings indented brown with 2 greenish bands, one on the lower-wings entire.
Inhabits *America.* *Cramer.* 7. *tab.* 79. *fig.* A, B.
Larva green with a white and scarlet streak, the tail with 2 spines.

Gambrisius. Wings indented, above black spotted and streaked with green; upper-pair with a macular snowy band.
Inhabits *India.* *Cramer Pap. tab.* 43. *fig.* F, G.
Head black dotted with white: *thorax* black with 3 cinereous bands: *abdomen* black the edges of the segments whitish: *upper-wings* striate with green at the base, in the middle 3 white hyaline spots, behind these a large macular white hyaline band; beneath grey at the base with a white hyaline band and spots: *lower-wings* beneath with indistinct bands of white spots at the tip.

Demophon. Wings indented, above black with a green band; beneath grey streaked with white.
Inhabits *Cayenne.* *Cramer.* 13. *tab.* 158. *fig.* A,B,C,D.

Nestor. Wings indented brown with a bright blue common disk and white spots; beneath with 3 or 4 eyes.
Inhabits *America.* *Cramer.* 2. *tab.* 19. *fig.* A, B.
Natural. Miscel. tab. 113. *Merian Sur.* 9. *tab.* 9.
Varies in the number and size of the ocellate spots.

Perseus. Wings indented pale blue, the tip black with ferruginous spots: beneath waved with 3 or 4 eyes.
Inhabits *Surinam.* *Cramer.* 6. *tab.* 71. *fig.* A, B.

Aristides. Wings indented brown spotted with yellow; lower-ones with 2 eyes beneath.
Inhabits *India.* *Jones Fig. pict.* 5. *tab.* 61.
Wings beneath yellowish waved with brown; lower-ones with 2 eyes, the pupil white.

Telemachus.

Telemachus Wings indented brown with a common blue radiate area, each with eyes beneath.
Inhabits *America*. *Cramer*. 32. *tab*. 373. *fig*. A. B. C.

Menelaus. Wings indented, above highly poliſhed blue, beneath clouded brown with ferruginous eyes.
Inhabits *America*. *Nat. Miſcell. tab*. 49.
Spots beneath with dark rings and white pupils.
Larva ſpinous yellow with roſy ſtreaks and legs, head nut-brown: *pupa* pale with a cylindrical inflected tail.

Teucer. Wings ſcalloped livid brown; beneath clouded and on the the lower-ones 3 eyes, the laſt very large.
Inhabits *America*. *Cramer*. 5. *tab*. 51. *fig*. A, B.
Larva cheſnut-brown, 4-ſpined on the back, head ſpinous, tail bifid: *pupa* paliſh with 2 ſilvery ſpots each ſide.

Automedon. Wings angular ſcalloped brown; beneath livid with an eye at the angle of the tail.
Inhabits *Surinam*. *Cramer*. 33. *tab*. 389. *fig*. A, B.
Male with a blue gloſs on the *wings*: beneath an oblique white ſtreak at the baſe and a blueiſh eye towards the angle of the tail.

Hecuba. Wings indented; upper-pair red edged with black; lower-ones black; all of them ocellate beneath.
Inhabits *Cayenne*. *Natur Miſcel t*. 167. *Cram. t*. 217. *f*. A, B.
Margin of the *wings* ſpotted with yellow each ſide: beneath undulate with brown black grey and ferruginous.

Metellus. Wings indented fulvous, the hind-part black: under-ſurface of the upper pair with 3 eyes, of the lower-ones with 5.
Inhabits *Surinam*. *Cramer*. 19 *tab*. 218. *fig*. A, B.
Hind-margin of the *wings* black with fulvous ſpots: beneath cinereous waved, the eyes with ferruginous rings and white pupil.

Idomeneus. Wings indented blue; upper-pair with a broad brown upper-margin and abbreviated white band: lower-ones with a large yellowiſh eye beneath.
Inhabits *America*. *Natural. Miſcel. tab*. 164.
Cramer Inſ. 5. *tab*. 52. *fig*. A, B *Clerk. tab*. 20. *fig*. 1.
Larva rufous verticillate with hairy tubercles: *pupa* toothed, with 2 incurved ſtyles at the tip.

* *Io.* Wings angular indented fulvous ſpotted with black and large blue eye on each.
Inhabits *Europe. Nat. Miſcel. tab.* 388. *Lewin. tab.* 4. *Donovan's Eng. Inſ.* vi. *tab.* 206.
Wings dark cheſnut-brown clouded beneath.
Larva ſpinous black dotted with white, *legs* ferruginous: *pupa* 10-toothed green with gold dots, bifid behind.

Polynice. Wings angular indented fulvous tipt with black; beneath brown with blue ſtreaks and eyes, 6 on the upper, 5 on the lower-ones.
Inhabits *Sumatra. Cramer.* 17. *tab.* 195. *fig.* D, E.
Wings with white ſinuoſities, lower-ones with 3 black dots before the margin and 4 fulvous ſpots behind.

Almana. Wings angular fulvous ſpotted with black; lower-ones with a larger eye and a double pupil; all nut-brown beneath.
Inhabits *Aſia. Cramer.* 5. *tab.* 58. *fig.* F, G.

Aſterie. Wings indented varied with yellow; lower-ones with a larger eye and double pupil: beneath pale with about 3 eyes.
Inhabits *India. Cramer.* 5. *tab.* 58. *fig.* D, E.

Oenone. Wings denticulate yellow edged with black; lower-ones blue at the baſe.
Inhabits *Aſia. Cramer.* 3. *tab.* 35. *fig.* A, B.
The eyes in the *wings* are very various.

Flirtea. Wings ſubangular brown with fulvous ſpots and 2 eyes; lower-ones beneath ferruginous with about 3 eyes.
Inhabits *India. Jones Fig. pict.* 4. *tab.* 20. *fig.* 1.
Upper-wings with 3 fulvous ſpots, and a ſtreak behind with 2 eyes the pupil white; beneath fulvous at the baſe: *lower-wings* brown at the baſe with 2 eyes, the tip with marginal ſtreaks beneath with about 3 blue eyes.

Lemoniat. Wings indented brown dotted with yellow, all of them with a ſingle eye.
Inhabits *India. Cramer.* 3. *tab.* 35. *fig.* D, E, F.
Varies in having a double and ſingle pupil, the eye with ſome times an approximate ſmaller one.

Vellida. Wings indented brown, with a fulvous band behind and eyes.
Inhabits *Amſterdam Iſland.* In the Muſeum of Sir *Joſ. Banks.*

Antenn

Antennæ pale, the club brown: *upper-wings* wtth 2 fulvous ſpots and 2 yellowiſh ones, the eyes black with a blue pupil; beneath varied with pale and fulvous: *lower-wings* with a fulvous lunule in the midddle and band behind.

Orythia. Wings indented brown; all with 2 eyes above, upper-pair with a ſingle eye beneath.
Inhabits *Jamaica.* *Cram.* 2. *tab.* 21. *fig.* C, D. *t.* 19. *f.* C, D.
Varies in having the diſk of the *lower-wings* above blue or brown.

Clelia. Wings indented black; upper-pair with an interrupted white band and ſpot at the tip; lower-ones with a blue ſpot on the diſk.
Iuhabits *Guinea.* *Cramer.* 2. *tab.* 21. *fig.* E, F.
Upper-wings ſilky-black with a fulvous band in the middle, then a broad white band and a few ſpots behind, near the band is a ſmall eye with a blue pupil; beneath variegated: *lower-wings* with a large blue ſpot on the diſk and a ſmall eye, the margin ſtreaked with white, beneath cinereous with a broad brown band and darker ſubocellar ſpots.

Penelea. Wings indented; above brown; all with 2 eyes beneath.
Inhabits *Surinam.* *Cramer.* 9. *tab.* 101. *fig.* G.
Wings beneath variegated.

Zelima. Wings angular yellow ſubfaſciate with brown; lower-ones with 6 eyes each ſide and a white ſtreak beneath.
Inhabits *New Holland.* In the muſeum of Sir *Joſ. Banks.*
Upper-wings with 2 brown rings at the baſe and 6 ſmall ferruginous eyes with a blueiſh pupil before the tip: *lower-wings* with 6 ferruginous eyes, the pupil blueiſh, before the margin.

Terea. Wings angular indented, above brown with a fulvous band and ſtreak of white dots on the upper-pair, and of ocellate ones on the lower.
Inhabits *Sierra Leona.* *Cramer.* 12. *tab.* 138. *fig.* E, F.
Upper-wings pale brown at the baſe with 4 tranſverſe black lines and 7 white dots: beneath yellowiſh at the baſe with darker bands, the tip brown with ocellar white dots: *lower-wings* with 7 ferruginous eyes, the iris and pupil black: beneath cinereous varied with yellow and ocellar black dots.

Laodice. Wings angular, above black with a greeniſh band each ſide including a ſtreak of ocellar dots.
Inhabits *Guinea.* *Cramer.* 12. *tab.* 138. *fig.* G, H.

Upper-wings black at the base with fulvous spots, the margin white, the tip with a few white dots: *lower-wings* with 2 white lines at the angle of the tail: all of them variegated beneath.

Lampetia. Wings indented brown; upper-pair with a fulvous band: lower-ones with 6 blind eyes.
Inhabits *India*. *Cramer Inf. tab.* 349. *fig.* A, B.

Glycerie. Wings indented brown; upper-pair with a fulvous band; under-surfaces of the upper-pair with one, of the lower-ones with 2 blind eyes.
Inhabits *East India*. Large, brown.
Upper-wings with 2 white dots: *lower-wings* with a few marginal fulvous spots: all beneath marbled.

* *Megæra.* Wings indented yellowish-brown with dark bands; upper-pair with a single eye; lower-ones with 5 eyes above and 6 beneath
Inhabits *Europe*. *Donovan.* viii. *tab.* 279. *Lewin tab* 21.
Eyes on the *wings* black with a white pupil.
Larva green with dark lines, tail bifid: *pupa* short thick toothed green.

* *Ægeria.* Wings indented brown spotted with yellow; upper-pair with an eye each side; lower-ones with 4 eyes above and dots beneath.
Inhabits *Europe*. *Lewin's Butterflies. tab.* 19.
Larva green with white lines, tail bifid: *pupa* short thick green with a rosy tinge.

Xiphia. Wings indented brown spotted with yellow; upper-pair with an eye each side; lower-ones with 3 eyes above and 4 beneath.
Inhabits *Madeira*. In the museum of Sir *Jos. Banks*.
All the *wings* indented, with white sinuosities: *lower-wings* brown with a waved yellow spot in the middle, behind this 3 black eyes with ferruginous iris and black pupil, the fourth without iris or pupil; beneath brown at the base, an obsolete white band in the middle and grey at the tip with 4 eyes.

Minerva. Wings indented fulvous, the tip black spotted with white: lower-ones with 5 blind eyes above and 7 pupillate ones beneath.
Inhabits *America*. *Cramer.* 10. *tab.* 116. *fig.* E, F?
Upper-wings beneath grey with 2 ferruginous lines, a yellowish patch and 4 white spots: *lower-wings* with 5 brown eyes and marginal streak; beneath grey, the eyes with a whitish pupil.

Ocyp

Ocypete. Wings indented; above brown immaculate; beneath glaucous with 3 dark ſtreaks, lower-ones with 5 eyes.

Inhabits *Surinam. Cramer. Inſ.* 17. *tab.* 194. *fig.* F. G.

Lower-wings with a marginal yellowiſh ſtreak; *upper-wings* beneath with 2 obſolete minute eyes at the tip.

Ocirrhoe. Wings indented; above white tipt with brown; beneath brown with 2 white bands, lower-ones with 5 eyes.

Inhabits *Surinam. Cramer* 17. *tab.* 194. *fig.* D. E.

Upper-wings beneath with 4 ſmall eyes before the margin, the pupil white: the margin glaucous with 2 darker ſtreaks: *lower-wings* beneath with 5 eyes before the margin, 1. 4. 5. black, 2, 3. brown with a double ſilvery pupil.

Penelope. Wings ſlightly indented brown with a ſingle eye; lower-ones with 2 beneath.

Inhabits *America.*

All the *wings* above brown with a double ſilvery violet pupil of uncommon ſplendor; beneath clouded with cinereous and yellow, a ſingle eye with a double ſilvery pupil on the upper-pair, and 2 approximate ſilvery ſpots each ſide the eye; 2 eyes with a double ſilvery pupil on the lower-pair and between them 2 approximate ſpots of the ſame colour.

Aranea. Wings ſlightly indented brown; lower-ones blueiſh with 5 eyes beneath

Inhabits *Surinam. Cramer* 13. *tab.* 161. *fig.* C. D. ?

Upper-wings with 2 oblique dark ſtreaks beneath and 3 eyes towards the tip, the outer with a double pupil: *lower-wings* with 2 oblique brown ſtreaks beneath.

Aulita. Wings indented brown with a blue gloſs; beneath fulvous with waved glaucous ſtreaks and 5 blind eyes on the lower-ones.

Inhabits *Eaſt India*; middle-ſized.

Lower-wings with 3 ſubmarginal fulvous ſtreaks.

Jatrophae. Wings angular pale with waved brown ſtreaks; upper-pair with a ſingle eye, lower-ones with 2.

Inhabits *America. Cram.* 17. *tab.* 202. *fig.* E.

Laomedia. Wings indented grey; upper-pair with 6 eyes; lower-ones with 5, ſome of them blind.

Inhabits *India. Cramer tab.* 8. *fig.* F. G. *Drury* 1. *t.* 5. *f.* 3.

Libye. Wings indented brown; beneath lineate, with 6 eyes on the lower-ones, the pupil ſilvery.

Inhabits

Inhabits *India*. *Sulz. Hift. Inf. tab.* 17. *fig.* 7.
Upper-wings beneath with a fingle brown eye.

Hedonia. Wings indented, both fides alike, grey; each with 6 ferruginous eyes.
Inhabits *Afia*. *Cramer. tab.* 69. *fig.* C. D. *tab.* 374. *fig.* E. F.

Tullia. Wings indented brown with ocellar fpots, beneath with a violet band which on the lower-ones has 2 eyes.
Inhabits *China*. *Cramer* 7. *tab.* 81. *fig.* A. B.
Ocellar fpots on the *upper-wings* white with a blue iris: *lower-wings* paler, the fpots with a rufous or yellow iris.

Meropc. Wings indented fulvous with a fingle eye and black tip; lower-ones beneath cinereous wtth 3 minute eyes.
Inhabits *New Holland*. In the mufeum of Sir *Jof. Banks*.
Tip of the *upper-wings* with 2 yellowifh fpots, the eye black with a fulvous iris and blue pupil: *lower-wings* with 2 waved brown ftreaks, the eye between them with a yellow iris and blueifh pupil.

Jole. Wings indented fulvous dotted with black; lower-ones with 5 eyes beneath, the laft with a double pupil.
Inhabits *Guinea*. *Cram.* 14 *tab.* 157. *fig.* E. F.
Body fulvous: *upper-wings* with brown marginal ftreaks: *lower-wings* beneath yellowifh with a blue band.

Hefione. Wings indented brown with an oblique white ftreak beneath; upper pair with 2 eyes; lower-ones including others within them.
Inhabits *Surinam*. *Cramer* 1. *tab* 11. *fig.* C. D.
The *eyes* brown with a white pupil and fulvous iris furrounded with a black and blue ring.

Egæa. Wings indented, above black with a common white band; lower-ones with 2 eyes beneath.
Inhabits *America*. In the Mufeum of Dr. Hunter.
Wings with a blue glofs at the bafe: *upper-wings* with 2 white fpots towards the tip, beneath brown with white fpots and a ferruginous, lunule in the middle: *lower-wings* beneath with alternate white and brown bands at the bafe, the difk fnowy with a 2-lobed, brown fpot in which are 2 black eyes with ferruginous iris and blue pupil, the hind-margin yellowifh.

Serina. Wings flightly indented, above green; lower-ones beneath with a white difk and 2 eyes.

Inhabits

Inhabits *America.* In the Muſeum of Dr. *Hunter.*
Wings above green with a browniſh margin.

Poſtuerta. Wings indented green with brown ſpots and margin; lower-ones beneath with white bands and 2 eyes.
Inhabits *America.* *Cramer tab.* 254. *fig.* C. D. *Jones t.* 31. *f.* 1.

Mylitta. Wings indented black with 3 macular white bands; lower-ones with 2 eyes.
Inhabits *India.* *Cramer* 22. *tab.* 253. *fig.* C. D.
Eyes on the lower-wings with a blue pupil: beneath all varied with brown and white and ſpotted with blue; *lower-ones* with 2 black eyes, the iris yellow and pupil blue.

Artemiſia. Wings indented black; upper-pair with white ſpots; lower-ones with white bands, and 2 ſilvery eyes beneath.
Inhabits *America.* *Jones Fig. pict.* 6. *tab.* 32. *fig.* 1
Upper-wings beneath with an oblong yellow ſpot at the baſe: *lower-wings* beneath white at the baſe with a yellow ſtreak, in the middle a blue band edged with black and marked with ſilvery blotches, behind this an abbreviated brown band containing 2 ſilvery eyes with a black ring, the hind-margin yellow with a ſilvery ſtreak.

Dorimene. Wings indented brown; beneath blue with black bands and and 3 pair of eyes
Inhabits *Surinam.* *Cramer* 1. *tab.* 8. *fig.* B. C.
Wings beneath with 6 eyes, the iris fulvous, pupil white, the firſt pair at the outer angle of the upper-widgs, ſecond pair at the outer margin of the lower-wings and third pair at the angle of the tail.

Janthe. Wings indented, above brown ſlightly barred with white; lower-ones with 5 blind eyes beneath.
Inhabits *Cayenne.* *Cramer* 22. *tab.* 253. *fig.* F G.
Upper wings with white dots; beneath yellow at the baſe, brown at the tip and ſpotted with white: *lower-wings* with a macular white band: beneath yellowiſh with a white band and lunules, behind the middle are 5 black eyes with a yellow iris and without pupil.

Laothoe. Wings angular indented; lower-ones above brown with a white dot and 6 blue eyes beneath.
Inhabits *Surinam.* *Cram.* 11. *tab.* 132. *fig.* A. B.

Upper-

Upper wings fulvous, the tip brown, with 2 white dots beneath: *lower-wings* beneath variegated with a white dot at the base and a nut-brown band in the middle in which are 6 blue eyes with a white pupil.

Generilla. Wings indented black spotted with white and a common rufous band; lower-ones with 4 eyes.

Inhabits *New Zealand.* In the museum of Sir. *Jos. Banks.*

Antennae with a ferruginous dot at the tip.

Upper-wings with a ferruginous band at the base and white spots: beneath brown at the base, the margin white transversely striate, in the middle a rufous spot at the thick margin with a blue iris: *lower-wings* with 4 black eyes in the band, the pupil bluish; beneath variegated, with 2 blind eyes.

Itea. Wings indented black; upper-pair with a yellow band and dot; disk of the lower-ones rufous with 4 eyes.

Inhabits *New Zealand.* In the Museum of Sr. *Jos. Banks.*

Is probably only a variety of the last.

Portlandia. Wings indented brown; lower-ones with 5 blind eyes above and 7 pupillate ones beneath

Inhabits *America.* In the museum of Mr. *Yeates.*

Upper-wings with a yellowish band towards the tip and 3 ocellar black spots; beneath brown with darker streaks and a broad white band towards the tip in which are 4 black eyes with a yellow iris, the outer-ones with a white pupil: *lower-wings* with 5 black spots, the iris yellowish and without pupil; beneath with a white band towards the tip, a single black eye before it and 6 behind, the iris yellow, pupil silvery.

**Cardui.* Wings indented fulvous variegated with white and black; lower-ones with 4 eyes beneath.

Inhabits *Europe. Donovan's Eng. Inf.* ix. *tab.* 292. *Lewen. tab.* 6. *Naturalist's Miscell. tab.* 430.

Larva solitary spinous brown with yellow lateral lines: *pupa* brown with cinereous lines and gold dots.

Huntera. Wings subangular fulvous varied with white and black; lower-ones; beneath reticulate with white, with 2 eyes.

Inhabits *America. Cram. Inf.* 1. *tab.* 12. *fig* E. F.

Larva green annulate with black.

Allionia. Wings indented brown; upper-pair with 2 eyes, the posterior one blind.

Inhabits *Portugal. Cyrill. Ent. neap.* 1. *tab.* 2. *fig.* 13.

Wings

Wings beneath brown at the baſe with 2 darker ſtreaks and paler at the tip, a white ſpot between the eyes; lower-ones beneath with 3 white dots and a larger black one inſtead of eyes.

Tulbaghia. Wings indented, both ſurfaces nearly alike, browniſh with a yellow band; lower-ones with 5 eyes.
Inhabits the *Cape of good hope*. *Cramer*. 1. *tab*. 3. *fig*. E. F.

Pipleis. Wings crenate, both ſurfaces alike, black; diſk of the lower-ones fulvous with 7 eyes.
Inhabits *India*. *Cramer*. 5. *tab*. 60. *fig*. A. B.

Claudia. Wings crenate black with a ſanguineous patch; lower-ones fulvous with 7 eyes.
Inhabits *India*. *Naturf*. 9. *tab*. 2.
Feelers white tipt with black.
Upper-wings beneath red with a white ſpot and 5 marginal black ones, the tip black with a cinereous ſtreak and 2 marginal ſpots; *lower-wings* beneath marbled at the baſe with black and cinereous, in the middle a flexuous yellow and blueiſh ſtreak, behind teſtaceous with 7 black eyes, the pupil blue, margin with a black ſtreak.

Blomfildia Wings indented yellow tipt with black; lower-ones beneath brown waved with white, with 4 eyes the middle-ones blind.
Inhabits *Braſil*. In the Muſeum of Sir. *Joſ. Banks*.
Upper-wings black at the tip with a blue gloſs and 3 white ſpots: *lower-wings* with a marginal white ſtreak; beneath 4 eyes towards the hind-margin, the outer-one black with a white pupil and ferruginous iris, 2 middle-ones greeniſh with grey iris, inner-one teſtaceous with a white pupil and black iris.

Bankia. Wings angular, above brown; diſk of the upper-pair yellowiſh with a black eye in which is a double pupil.
Inhabits *New Holland*. In the Muſeum of Sir *Joſ. Banks*.
All the *wings* angular, lurid: upper-pair with a black eye and double white pupil; lower-ones with a minute white dot at the angle of the tail. Beneath all cheſnut-brown with darker ſpecks and 2 ſtreaks on the upper, one on the lower-pair; 3 very minute greeniſh dots on the lower and one on the upper-pair.

Sylandra. Wings angular brown; upper-pair with an eye and contiguous ſmaller one; lower-ones with 2 above and 4 beneath.

Inhabits *Otaheite*. In the muſeum of Sir *Joſ. Banks*.
Upper-wings with a yellow patch at the tip and brown eye with a double white pupil; beneath grey with 2 eyes: *lower-wings* with 2 approximate eyes, the iris yellow pupil black; beneath varied with grey and brown.

Polydecta. Wings indented brown; upper-pair with an eye; lower-ones with 2 above and 7 beneath.
Inhabits *Tranquebar*. *Cramer*. 12. *tab*. 144. *fig*. E. F.
Upper-wings with a black eye, the iris yellow and pupil white, beneath brown at the baſe with a white ſtreak, the tip paler with 4 eyes.

Tolumnia. Wings indented black; lower-ones beneath with ferruginous and blue ſtreaks and 5 eyes; the poſterior one large.
Inhabits *India*. *Cramer*. 11. *tab*. 130. *fig*. F. G.
Upper-wings beneath with a blueiſh ſtreak in the middle and ſmall eye at the tip: *lower-wings* with a blueiſh ſpot and black dot; beneath blueiſh with 2 ferruginous ſtreaks at the baſe.

Morna. Wings indented brown: lower-ones with 2 eyes each ſide and 3 white dots.
Inhabits *India*. In the Muſeum of Dr. *Hunter*.
Upper-wings with a white dot at the tip: *lower-wings* with 2 black blind eyes with a broad blue pupil; a blue ſpot at the angle of the tail. Beneath all blueiſh at the baſe with black ſpots, the tip brown with a cinereous ſtreak, the eyes black with a blueiſh iris.

Juliana. Wings indented brown ſpotted with white; lower-ones with 2 eyes each ſide.
Inhabits *Amboina*. *Cramer*. 24. *tab*. 280. *fig*. A. B.
Upper-wings with 2 black lines in the middle and white ſpots and lunules behind: *lower-ones* ſpotted with white towards the margin, with 2 black eyes, the iris yellow pupil blue: beneath all variegated.

Leda. Wings angular brown, upper-pair with a double eye above: beneath reticulate with grey and 6 eyes on the lower-ones.
Inhabits *Sierra Leona*. *Cram. tab*. 196. *f*. C. D. *tab*. 292. *f*. A.
Wings ſometimes beneath ferruginous immaculate.

Lena. Wings ſlightly indented brown; lower-ones black behind with white and blue dots, and eyes beneath.

2 Wings

2. Wings brown hyaline, lower-ones with 5. ocellar white dots.
Inhabits *Cayenne*. *Cramer tab.* 189. *f.* D. E. *tab.* 291. *fig.* A. B.
Male with the wings tailed as in P. Philoctetes.

Dyndimene. Wings indented brown; lower-ones above violet with 4 white dots.
Inhabits *Surinam*. *Cramer*. 17: *tab.* 198. *fig.* F. G.
Wings beneath grey with brown ſpecks and 3 darker ſtreaks, upper-pair with 2 white dots at the tip, lower-ones with an ocellar dot at the baſe and 5 white dots at the tip.

Luna. Wings indented brown with darker ſtreaks; lower-ones with 2 eyes: all beneath with 4 white dots.
Inhabits *Surinam*. *Jones Fig. pict.* 4. *tab.* 9. *fig.* 1.
Body brown: ſegments of the *abdomen* yellow at the tip: *upper-wings* with 3 white dots: *lower-wings* darker at the tip with 2 black eyes, the hind-one blind: beneath with 2 like eyes and 3 white dots.

Iphita. Wings angular indented brown with darker bands: all with 5 eyes beneath.
Inhabits *China*. *Cramer* 18. *tab.* 209. *fig.* A. B.
Upper-wings with a white dot each ſide towards the tip: *lower-ones* with 2 nearly obſolete ſmall eyes on the upper-ſurface.

Callifio. Wings indented black; lower-ones with a red band and 5 eyes above, 7 beneath.
Inhabits *Africa*. *Cram.* 2. *tab.* 25. *fig.* A. B.

* *Iris.* Wings indented brown with a blue gloſs, and whitiſh interrupted band each ſide: all with a ſingle eye, thoſe on the upper-pair above blind.
Inhabits *Europe*. *Donovan.* ii. *tab.* 37. *Lewin. tab.* 16.
Male ſpotted with white on the upper-wings and without the eye: *female* ſpotted on the upper-wings and marked with an eye which is half white. *Larva* green with 2 horns and oblique pale lines: *pupa* greeniſh, bifid at the tip.

Ilia. Wings indented with a blue gloſs, and interrupted white band each ſide; all with a ſingle eye.
Inhabits *Germany*. *Eſp. tab.* 37. *fig.* 1. *tab.* 43. *fig.* 1.
Moſt probably a mere variety of the former.
Upper-wings with a diſtinct eye above.
Larva and *pupa* as in the laſt.

Beroe. Wings entire brown with a blue glofs; lower-ones with a fingle eye; beneath chefnut-brown with a reddifh margin.
Inhabits *Auftria*. *Efp. pap. tab.* 46. *fig.* 1.
Upper-wings with 2 white fpots towards the tip; beneath 2 large black fpots mixed with white towards the thicker margin.

Avia. Wings indented, both furfaces nearly alike, black with a ftreak of pale dots and a macular pale marginal band.
Inhabits *Africa*. In the Mufeum of Sir *Jof. Banks*.
Body large brown, head dotted with white: *wings* with a blueifh patch near the rib: beneath paler.

Populi. Wings indented brown with white bands and fpots: beneath yellow with white bands and blueifh fpots.
Inhabits *Europe*. *Efp.* 1. *tab.* 12. *fig.* 1. *Schaeff. tab.* 40. *f.* 8. 9.
Larva fpinous variegated, head and tail fulvous: *pupa* yellowifh dotted with black, with a gibboſity behind.

Chryſippe. Wings indented black with a common rufous patch; lower-ones beneath brown fpotted with black.
Inhabits *New Holland*. In the Mufeum of Sir *Jof. Banks*.
Upper-wings with an abbreviated white band, beneath rufous at the baſe, thicker margin fpotted with white and black; *lower-wings* beneath with an abbreviated white band and dot.

Cydippe. Wings indented black with white fpots and a common rufous patch; the baſe beneath teſtaceous varied with black and blue.
Inhabits *India*. *Cramer.* 6. *tab.* 62. *fig.* A. B.

Marica. Wings indented teſtaceous, the tip black with a white band on the upper and blue fpots on the lower-pair.
Inhabits *Africa*. *Jones. Fig. pict.* 5. *tab.* 1.
Body dull teſtaceous: *head* with 4 white dots: *upper-wings* black at the tip with a white band and 2 lunules; beneath glaucous at the baſe with tranſverſe black fpots, edged with white, in the middle a white band, the tip grey with 2 white lunules: *lower-wings* with yellowifh fpots on the margin; beneath grey with 3 yellow fpots furrounded with a white and black ring, in the middle an interrupted white ſtreak incloſed in a black one, towards the tip greeniſh fpots.

Alikea. Wings indented brown with an angular indented white band and ſtreak.

Inhabits

Inhabits *Guinea*. *Cramer*. 8. *tab*. 89. *fig*. E. F.
Wings brown at the base: upper-pair with 2, lower-ones with one ferruginous spot: beneath yellowish with black marks.

Amphiceda. Wings indented brown, the common disk cinereous with brown waves; beneath grey at the tip with black lunules.
Inhabits *Guinea*. *Cramer* 13. *tab*. 146. *fig*. D. E.
Wings beneath pale at the base with rufous spots and waved lines.

Penthesilia. Wings indented black with white spots and a common rufous patch; lower-ones beneath with yellow bands and a white one spotted with black.
Inhabits *India*. *Cramer*. 13. *tab*. 145. *fig*. B. C.
All the *wings* with white lunules, the common rufous patch with marginal black dots: *upper-pair* beneath with 3 transverse white spots including black ones at the base, the tip variegated, margin black with a flexuous yellow streak.

Berenice. Wings indented black with a common red band; lower-ones beneath spotted with black white ferruginous and yellow.
Inhabits *Sierra Leona*. *Cramer* 27. *tab*. 315. *fig*. B. C.
Feelers white tipt with black: *thorax* black dotted with white at the tip: *upper-wings* with a few black dots in the band: beneath reddish spotted with black, the tip brown striate with white: *lower-wings* with a few red lunules and white dots at the hind margin; beneath variegated, the base white dotted with black.

Semire. Wings indented, both surfaces nearly alike, with a green band and fulvous spots, the base fulvous dotted with black.
Inhabits *Sierra Leona*. *Cramer*. 17. *tab*. 194. *fig*. B. C.
Wings fulvous at the base with black dots, in the middle a broad macular green band, a single band of fulvous spots in the upper pair and 2 in the lower; the *lower-wings* beneath have but one macular band.

Cyane. Wings indented black; upper-pair with a white band; disk of the lower-ones white dotted with black.
Inhabits *India*. *Cramer*. 25. *tab*. 295. *fig*. C. D.

Vuillia. Wings indented black; beneath spotted with white.
Inhabits *Amboina*. *Cramer* 30. *tab*. 349. *fig*. E. F.

Some

Some of the ſpots beneath with a blue iris, the margin with whitiſh ſtreaks.

Zenobia. Wings indented black with a common white band and marginal ſpots; baſe of the lower-ones beneath yellow ſtreaked with black.
Inhabits *Sierra Leona. Jones Fig. pict.* 1. *tab.* 68.
Indentations of the *wings* white.

* *Antiopa.* Wings angular indented black-brown with a whitiſh border, behind which is a row of blue ſpots.
Inhabits *Europe, Donovan.* iiii. *tab.* 89 *Lewin. tab.* 1.
Larva gregarious ſpinous black with ſquare ferruginous dorſal ſpots: *pupa* toothed dark brown with fulvous ſpots.

Cacta. Wings angular indented; upper-pair black, the baſe purple with a fulvous ſpot
Inhabits *India. Jones Fig. pict.* 5. *tab.* 34. *fig.* 1.
All the *wings* beneath brown at the baſe and ferruginous at the tip.

Pythia. Wings angular indented brown with a white ſpot on the upper-pair: beneath grey with a ſtreak of black dots on the lower-ones.
Inhabits *Guinea*; middle-ſized.

Zingha. Wings angular indented brown, the tip black with blue ſtreaks and a macular fulvous one.
Inhabits *Sierra Leona.*
Fulvous band in the *upper-wings* terminated by 2 white dots, at the middle of the thicker-margin is a fulvous ſpot ſurrounded with blue; beneath all waved with brown and cinereous with an obſolete ferruginous band and ocellar dots.

Protogenia. Wings indented fulvous, the border black ſpotted with white.
Inhabits *Java. Cramer.* 16. *tab.* 199. *fig.* F, G.
Indentations of the *wings* white: beneath brown ſpeckled with ferruginous, upper-pair with a white ſpot at the tip, lower-ones with a white dot and cinereous band.

Ameſtris. Wings angular indented black with rufous and blue lunules, beneath darker.
Inhabits *India. Jones Fig. pict.* 5. *tab.* 12. *fig.* 2.
Upper-wings with 2 rufous and 2 blue ſpots in the middle, behind theſe a ſtreak of rufous lunules ending at the anterior margin in 2 white dots, then a ſtreak of blue lunules: *lower-wings* with a ſtreak of blue lunules at the tip.

Beneath brown waved with black and an obſolete ſtreak of cinereous dots.

Lamina. Wings angular black with a common white band each ſide; beneath ſpotted with rufous.
Inhabits *India*. *Jones Fig. pict.* 5. *tab.* 32. *fig.* 1.
All the *wings* with marginal blue lunules, upper-pair with 2 white dots at the tip: *upper-wings* beneath with 2 rufous ſpots at the baſe and 5 at the tip; *lower-ones* with 4 rufous ſpots at the baſe and a row of 7 rufous ones at the tip.

* *Atalanta.* Wings indented black; upper-pair with a red band and white ſpots; lower-ones bordered with red behind.
Inhabits *Europe*. *Donovan's Eng. Inſ.* viii. *tab.* 260.
Naturaliſt's Miſcel. tab. 157. *Lewin. tab.* 7.
Red border of the *lower-wings* ſpotted with black.
Larva ſolitary ſpinous greeniſh with a lateral yellowiſh line: *pupa* toothed, beneath cinereous with gold dots.

Archeſia. Wings indented brown with a common fulvous band which on the upper-pair is half blue.
Inhabits *Java*. *Cramer.* 19. *tab.* 219. *fig.* D, E.
In the band on the *upper-wings* are 3 white dots and 5 on the *lower-ones*.

Charonia. Wings indented black with a blueiſh band.
Inhabits *India*. *Cramer.* 4. *tab.* 47. *fig.* A,B,C.
In the blue band are a few black dots: *wings* beneath variegated.

Biblis. Wings indented, both ſurfaces alike, black; lower-ones with a macular red band.
Inhabits *America*. *Cramer.* 20. *tab.* 236. *fig.* E, F.
Band compoſed of 7 red ſpots which are emarginate at the tip.

Hyperia. Wings indented black ſpotted with white; lower-ones beneath with yellow ſpots and a rufous band in the middle.
Inhabits *India*. In the Britiſh muſeum.
Feelers with a lateral white line: *upper-wings* beneath with a rufous ſpot on the rib at the baſe, 4 white ſpots and 2 ſtreaks of white dots, and a ſtreak of yellow ones behind: *lower-wings* with a few white ſpots, and lunules at the margin: beneath ſpotted with yellow at the baſe, in the middle a band of 6 rufous ſpots, then a ſtreak of white dots, and laſtly a ſtreak of yellow ones.

Proſope. Wings indented brown with a common fulvous band which on the upper-pair has 2 black dots.

Inhabits

Inhabits *New Holland*. In the muſeum of Sir *Joſeph Banks*.
Antennæ black, beneath ferruginons: *upper-wings* with a fulvous ſpot or two at the tip, beneath a ſtreak of black dots behind: *lower-wings* beneath with a waved white ſtreak behind and 5 black dots with an obſolete ferruginous ring.

Echo. Wings indented brown; all beneath with a row of white dots.
Inhabits *Surinam*. *Cramer*. 5. *tab*. 57. *fig*. C, D.
Upper-wings with a ferruginous ſpot towards the tip.

Octavia. Wings indented brown, the diſk angular fulvous dotted with black: beneath with yellow ſpots at the baſe.
Inhabits *Sierra Leona*. *Cramer*. 12. *tab*. 135. *fig*. B. C.
Abdomen fulvous with black rings: border of the *wings* above brown with marginal white lunules, of the upper-pair with a few fulvous and blue dots, of the lower-ones with blue ſtreaks and angle of the tail: all beneath black at the baſe ſpotted with yellow, white in the middle, the margin fulvous with a ſtreak of black dots and 3 rows of white lunules behind.

Lubentina. Wings indented obſcure green ſpotted with white black and rufous.
Inhabits *China*. *Cramer*. 13. *tab*. 155. *fig*. C, D.
Upper-wings with 2 black ſpots at the baſe, in the middle 2 rufous tranſverſe ſpots including a white one, then a macular white band, the tip ſtreaked with brown with 4 white dots: *lower-wings* with 3 black ſpots at the baſe, the tip with 2 bands of black ſpots ſome of them with a rufous centre.

Janaſſia. Wings ſcalloped green bronzed with black dots on the upper-pair: beneath yellowiſh with black dots at the baſe.
Inhabits *Africa*. In the muſeum of Dr. *Hunter*,
Upper-wings with a white dot at the tip: all beneath with a black ſtreak behind.

* *Polychloros.* Wings indented fulvous, ſpotted with black; upper-pair with 4 black dots above.
Inhabits *Europe*. *Donovan*. viii. *tab*. 278. *Lewin*. *tab*. 2.
Lower-wings beneath blackiſh with a pale central ſpot.
Larva gregarious ſpinous, fleſh-colour with lateral blackiſh lines: *pupa* fleſh-colour.

V. album. Wings angular fulvous ſpotted with black, all with a white ſpot above; lower-ones with a white lunule beneath.
Inhabits *Europe*. *Eſp*. *Pap*. 62. *fig*. 3.

Lower-

Lower-wings without the marginal blue lunules.
Larva ſpinous with interrupted yellow and black lines, head black.

* *Urticæ.* Wings angular fulvous ſpotted with black; upper-pair with 3 black dots, the inner-one ſquare.
Inhabits *Europe*. *Donovan.* ii. *tab.* 55. *Lewin. tab.* 3.
Upper-wings with alternate black and pale orange ſhort bands below which are 3 black ſpots, the inner-one ſquare: *lower-wings* with a large common black patch at the baſe: the margin of all of them black with blue ſpots.
Larva ſpinous varied with brown and green, head black: *pupa* toothed brown with gold dots.
This inſect and many others of its family as P. Atalanta, Polychloros, Io, &c. ſoon after their enlargement from the chryſalis ſtate, diſcharge a few drops of reddiſh-coloured fluid, which in places where they have appeared in large numbers, has had the appearance of a ſhower of blood, and been recorded by writers as a prodigy preceding ſome extraordinary event.

Clytemneſtra. Wings angular black; beneath ſpotted with white; upper-pair with a yellow band each ſide.
Inhabits *Surinam*. *Cram. tab.* 137. *fig.* A, B. *tab.* 364. *fig.* A, B.
Lower-wings beneath a little ferruginous at the tip.

Dirce. Wings angular brown; upper-pair with a yellowiſh band: beneath undulate with black.
Inhabits *India*. *Cramer.* 18. *tab.* 212. *fig.* C, D.
Lower-wings obtuſely angled.

Iſis. Wings indented; upper-pair black with a red ſpot on the diſk: all with green lines beneath.
Inhabits *India*. *Jones Fig. pict.* 5. *tab.* 34. *fig.* 2.
Upper-wings beneath with a broad fleſh-colour band: *lower-wings* with a whitiſh ſtreak towards the margin.

Oiſis. Wings angular blue; upper-pair with a black ſpot and margin; beneath duſky.
Inhabits *India*. *Jones Fig. pict.* 5. *tab.* 101. *fig.* 2.

Progne. Wings indented fulvous with black dots and margin, the latter dotted with white: beneath grey.
Inhabits *South America*. *Cramer*, 1. *tab.* 5. *fig.* E, F.

* *C. album.* Wings angular fulvous ſpotted with black: lower-ones beneath marked with a white C.

Inhabits *Europe*. *Donovan*. vi. *tab*. 199. *Lewin*. *tab*. 5.
Larva ſolitary ſpinous fulvous, the back yellow before and black behind: *pupa* fleſh-colour, contracted in the middle with gold dots.

Triangulum Wings angular fulvous, the diſk dotted with black; lower-ones beneath cinereous with white waves and a white angle in the middle.
Inhabits *Italy*. *Cramer*. 7. *tab*. 78. *fig*. C, D.
Antennæ black with a ferruginous dot at the tip: margin of the *upper-wings* ſtreaked with yellow.

Merione. Wings indented fulvous edged with brown; lower-ones beneath brown with white and blue ſpots and ſtreaks.
Inhabits *Surinam*. *Cramer*. 15. *tab*. 180. *fig*. E, F.
Upper-wings beneath yellowiſh with 3 fulvous lines, the tip brown with an ocellar blue ſpot and waved ſtreak: *lower-wings* ſubferruginous in the middle with a white dot at the baſe, 2 white lunules in the middle and 4 white ſpots behind then a white and blue waved ſtreak.

Ariadne. Wings angular fulvous with undulate black ſtreaks; upper-pair with a white marginal dot.
Inhabits *Java*. *Cramer*. 12. *tab*. 144. *fig*. G, H.
Wings browniſh beneath with darker bands.

Bolina. Wings indented black; upper-pair with 2, lower-ones a ſingle blue-white ſpot: beneath ferruginous with a white band.
Inhabits *Eaſt India*. *Cramer*. 6. *tab*. 65. *fig*. E, F.

Thecla. Wings indented black with a white blue ſpot and all with a ſtreak of white dots: beneath brown with a white band.
Inhabits *India*. *Cramer*. 16. *tab*. 190. *fig*. A, B.
Head black with 4 white dots: *upper-wings* with a white ſpot at the tip: all beneath with a white band and ſtreak of white dots, the margin ſtreaked with white.

Laſinaſſa. Wings indented black with a ſhining blue ſpot; beneath brown with white lunules.
Inhabits *Aſia*. *Cramer*. 18. *tab*. 200. *fig*. A, B.

Clytia. Wings indented black: outer-margin of the upper-pair ſpotted with white: lower-ones with a triple row of white and yellow ſpots.

Inhabits

Inhabits *India*. Both ſurfaces alike.
Body black ſpotted with white: angle of the *tail* fulvous with a black ſpot.

Cocyta. Wings ſealloped indented brown; lower-ones blueiſh at the tip.
Inhabits *India*. *Jones Fig. pict.* 2. *tab.* 64. *fig.* 2.

Undularis. Wings indented, above brown; lower-ones ferruginous at the tip with a white dot beneath.
Inhabits *Coromandel*. *Cramer.* 22. *tab.* 256. *fig.* A. B.
Upper-wings ſpotted with blue at the tip.

Monina. Wings indented brown; lower-ones pale cheſnut, blueiſh at the angle of the tail with a black ſtreak.
Inhabits *Eaſt India*; half the ſize of the laſt.
Upper-wings with a few obſolete ferruginous ſpots at the baſe: all beneath cinereous with black lunules at the baſe and ſtreak behind.

Hiarba. Wings indented black with a common white band which is abbreviated on the upper-pair.
Inhabits *India*. *Jones Fig. pict.* 5. *tab.* 79. *fig.* 2.
Wings beneath fleſh-colour with darker ſpots ſurrounded with white.

Amathea. Wings angular indented; above brown with white dots, a red band and waved black line.
Inhabits *Cayenne*. *Cramer Inſ.* 18. *tab.* 209. *fig.* A, B.

Meleagris. Wings ſlightly indented dotted with white, above brown, beneath yellowiſh.
Inhabits *Africa*. *Cramer.* 6. *tab.* 66. *fig.* A, B.
Some of the dots on the *wings* beneath including black ones.

Melantha. Wings indented above brown dotted with white; beneath pale cheſnut.
Inhabits *Guinea*. In the muſeum of *Sir Joſ. Banks.*
Wings with a ſtreak of darker dots beneath.

Leucotboe. Wings indented, above brown with 3 white bands; beneath yellow with 3 white bands marked with black.
Inhabits *Aſia*. *Cramer.* 17. *tab.* 203. *fig.* E. F.

Medea. Wings indented falcate black with 3 macular yellow bands; angle of the tail red.

Inhabits *Surinam*. *Cramer*. 8. *tab*. 90. *fig*. E. F.
Antennae obtuſe filiform: *upper-wings* with a ſmall rufous dot near the tip. Beneath variegated with brown and white.

Blandina. Wings indented black ſpotted with white; upper-pair with a blue ſtreak at the baſe, lower-ones with a marginal blue ſtreak.
Inhabits *India*. *Jones Fig. pict*. 5. *tab*. 10. *fig*. 1.
Body black with a white dot or two: *wings* beneath cinereous, the upper-pair ſpotted with white.

Amalia. Wings indented, above brown; beneath yellow with 2 blue ſtreaks and dots marked with black on the lowe-ones.
Inhabits *Sierra Leona*. *Jones Fig. pict*. 5. *tab*. 11. *fig*. 1.
All the *wings* above brown with a fulvous hue, lower-ones with a ſtreak of obſolete fulvous dots. Beneath yellow, upper-pair with a black ſpot at the tip and 2 blue dots marked with black; lower-ones with 2 ſtreaks 7 dots and hind-margin, all blue marked with black.

Hoſtilia. Wings indented brown; the baſe fulvous dotted with black; upper-pair ſpotted with yellow at the tip.
Inhabits *Sierra Leona*. *Jones. Fig. pict*. 5. *tab*. 81. *fig*. 1.
Body black: *thorax* with 2 rufous lunules: *lower-wings* fulvous ſtreaked with black at the baſe, the margin and an angular ſtreak black.

Nauplia. Wings ſlightly indented, both ſurfaces nearly alike, black; upper-pair with 4 white ſpots above, lower-ones with a white band.
Inhabits *South America*. *Cramer*. *tab*. 317. *fig*. D,E,F,G.

Heliodore. Wings indented fulvous with 3 black bands.
Inhabits *Siam*. In the muſeum of Sir *Joſ. Banks*.
Middle band common to both pair of *wings*, the margin black with a fulvous ſtreak: beneath pale fulvous with black ſtreaks.

Ophione. Wings indented brown ſpotted with white; beneath with numerous black ocellar ſpots.
Inhabits *Guinea* *Cramer*. 10. *tab*. 114. *fig*. E, F.

Iithuria. Wings indented fulvous with black bands; lower-ones beneath with white bands ſpotted with black.
Inhabits *India*. *Cramer*. 12. *tab*. 213. *fig*. A, B. *t*. 217. *f*. C,D.

Lower

Lower-wings with 2 white bands at the base, the anterior of which has 2 lines of black dots, the posterior one line, then a black band dotted with white; the margin black with a white streak.

Amphinome Wings indented black clouded with blue; upper-pair with a white band each side; lower-ones beneath radiate with red.
Inhabits *South America*. *Cramer*. 5. *tab*. 54. *fig*. E. F.

Opis. Wings indented brown; upper-pair reticulate, lower-ones barred with yellow.
Inhabits *Sierra Leona*. *Cramer*. 12. *tab*. 138. *fig*. A, B.
Wings with a common yellow band in the middle which is abbreviated on the upper-ones; *upper pair* spotted with yellow, the tip reticulate, with a streak of white dots: beneath variegated with brown blue black and yellow: *lower-wings* reticulate behind the band: the tip beneath yellow with 2 brown curves.

Crithea. Wings indented brown with ocellar spots; lower-ones beneath cinereous with 2 brown spots and a streak.
Inhabits *Sierra Leona*. *Cramer* 12. *tab*. 138. *fig*. C. D.
Upper-wings with black ocellar spots, the iris yellow and a few yellow lines; beneath pale at the base with black lunules, the tip brown with a blue lunule: *lower-wings* with yellowish streaks, the inner-margin yellow.

Thegea. Wings indented brown; upper-pair with a ferruginous or white band; disk of the lower-ones ferruginous or white; beneath paler waved with black.
Inhabits *India*. *Jones Fig. pict*. 5. *tab*. 21.
Body black dotted with white: *abdomen* ferruginous.

Salmacis. Wings indented black radiate with blue; beneath brown with a white band.
Inhabits *Africa*. *Jones Fig. pict*. 5. *tab*. 63. *fig*. 1.
All the *wings* with a few white dots at the tip: beneath with black veins and a white band and streak.

Pelea. Wings indented black; upper-pair with arrow-shaped white and black spots; beneath cinereous with black lunules.
Inhabits *East India*.
Upper-wings with a few black lunules at the base: *lower-wings* with a white patch at the inner margin.

Nerina.

Nerina. Wings indented black with a white band which on the upper-pair ends in a rufous ſpot.
Inhabits *New Holland.* In the muſeum of Sir *Joſ. Banks.*
Antennæ black, the club ferruginous at the tip: *head* black with 4 white dots: *breaſt* ferruginous ſpotted with white: *abdomen* beneath brown with 2 lines of whitiſh dots: *upper-wings* with a few white marginal dots, beneath 2 white lunules at the thicker margin: hind margin or the *lower-wings* ſpotted with white, beneath white marginal lunules.

Venilia. Wings indented brown with a common white curved band rluciſh at the edges.
Inhabits *India. Cramer* 19. *tab.* 219. *fig.* B. C.

Alimena. Wings indented black with an interrupted blue band, each with 7 white marginal dots.
Inhabits *India. Cramer* 19. *tab.* 221. *fig.* A. B. C.

Phæruſa. Wings indented ſulvous with 3 brown bands, thoſe on the upper-pair longitudinal, on the lower-ones tranſverſe.
Inhabits *India. Cramer* 11. *tab.* 30. *fig.* B. C.

Agatha. Wings indented, above fulvous, beneath glaucous; lower-ones with one black dot above and 3 beneath
Inhabits *India.*
Upper-wings brown at the tip: *lower-wings* with 3 white lunules at the baſe.

Laura. Wings angular indented brown, with a common band which is fulvous on the upper-half and and ſnowy on the lower; lower-ones beneath ſilvery with a ſnowy band.
Inhabits *Jamaica. Drury Inſ.* 2. *tab.* 17. *fig.* 5. 6.

Lydia. Wings indented yellow, black above the margin; beneath with a ſtreak of black dots.
Inhabits *Surinam., Cramer.* 13. *tab.* 148. *fig.* C. D.
Upper-wings beneath yellow at the baſe with a ſulvous ſtreak, the tip darker with a ſtreak of 6 black dots, the margin with a black ſtreak: *lower-wings* duſky with a yellow band 5 ferruginous ſpots and a black lunule, the tip black with 2 paler ſtreaks; beneath yellow at the baſe with a ſulvous ſtreak, the middle paler with a fulvous band and in this a ſtreak of cinereous lunules and black dots, the tip with a fulvous cinereous and yellow ſtreak.

Iphicla.

Iphicla. Wings indented, above brown with a common white and ferruginous ſpot at the angle of the tail.
Inhabits *South America*. *Cramer*. 16. *tab*. 188. *fig*. D, E. F.

Liberia. Wings indented fulvous; upper-pair with a black curve at the tip; lower-ones with a black dot above and 3 ocellar ones beneath.
Inhabits *India*. *Jones Fig. pict*. 5. *tab*. 15. *fig*. 1.
Two of the dots on the *wings* beneath with a white pupil, the middle one ſimple.

Amaſia. Wings indented green; lower-pair with marginal black dots above and eyes beneath.
Inhabits *Surinam*. *Drury Inſ*. 3. *tab*. 6. *fig*. 3.
Body green: *antennæ* black: *upper-wings* beneath white at the tip with 2 black dots: *lower-wings* beneath with 5 marginal white dots, the pupil black.

Æthiopa. Wings indented blue; tip of the upper-pair black dotted with white.
Inhabits *Africa*. *Jones Fig. pict*. 5. *tab*. 36. *fig*. 1.
Body black, edges of the ſegments rufous: *wings* beneath blue with a brown margin.

Veronica. Wings indented, above greeniſh, beneath ferruginous with a paler band.
Inhabits *Guinea*, *Jones Fig. pict*. 5. *tab*. 36. *fig*. 2.
Body black, margins of the *abdomen* fulvous: *upper-wings* with obſolete darker bands above: *lower-wings* with a ſtreak of white dots in the pale band.

Gnidia. Wings indented teſtaceous; upper-pair brown at the tip with a white band; lower-ones with a fulvous ſtreak and black lunules.
Inhabits *India*. *Jones Fig. pict*. 5. *tab*. 37. *fig*. 2.
Upper-wings with 2 brown rings; then a white band, the tip brown with a few white dots, beneath with a white band and dots: *lower-wings* teſtaceous with a fulvous band in which are black lunules; beneath with a black dot at the baſe and ſtreak behind of white black dots.

Perſea. Wings indented oblong black ſpotted with yellow and with a common red diſk.
Inhabits *India*. *Jones Fig. pict*. 5. *tab*. 90. *fig*. 2.
Body black dotted with white.

Nacærea.

Nærea. Wings indented, above brown ſpotted with white beneath with white ſpots ſurrounded with a red line.
Inhabits *India*. *Cramer*. 7. *tab*. 75. *fig*. C. D.

2. Wings ſlightly tailed black; upper-pair with 2 red ſpots; diſk of the lower-ones edged with red.
P. Tiphia. *Cram*. 1. *tab*. 7. *fig*. D. E.
Angle of the tail red in both.

Procris. Wings indented fulvous with black ſpots and a white band, beneath variegated.
Inhabits *China*. *Cramer*. 9. *tab*. 106. *fig*. E. F.
Hind-margin of the *wings* with 2 white ſtreaks: beneath green at the baſe, then varied with white fulvous and black.

Maja. Wings indented brown; upper-pair ſpotted with white, lower-ones immaculate.
Inhabits *Braſil*. *Cramer*. 14. *tab*. 167. *fig*. E. F.
Male. *antennae* brown annulate with white, the club fulvous at the tip: *lower-wings* beneath, grey with 4 greeniſh obſolete dots. *Female*. *Wings* above with a blue gloſs and obſolete white ſpots.

Erymanthis Wings indented fulvous; upper-pair black at the tip with a yellow band; lower-ones with black lunules above and a ſtreak of ocellate dots beneath.
Inhabits *China*. *Drury*. 1. *tab*. 15. *fig*. 3. 4.
Upper-wings with a yellow band in the middle and a few black dots, the tip black with a few yellow ſpots; *wings* with a ſtreak of black dots and 2 of lunules. Beneath paler with yellow waves and a few black dots on the upper-pair, on the lower-ones a ſtreak of black dots with a violet and white lunule.

Corinenta. Wings falcate indented brown ſpotted with yellow; upper-pair black at the tip with 4 white ſpots.
Inhabits *Surinam*. *Cramer*. 9. *tab*. 108. *fig*. E. F.
Upper-wings with 2 oblong yellow ſpots in the middle; beneath fulvous at the baſe, brown in the middle; ſpotted with white, the tip blueiſh ſpeckled with black: *lower-wings* above brown with a large yellow ſpot, beneath blueiſh ſpeckled with black.

Martha. Wings indented varied with brown and fulvous; upper-pair with 3 rows of white lunules: lower-ones. with a white band.
Inhabits *Siam*. In the muſeum of Sir *Joſ. Banks*.
Club of the *antennæ* with a white ſpot at the baſe: *wings* beneath pale with white bands and a black patch at the baſe.

Cilix

Celtis. Wings angular indented brown with fulvous ſpots and a ſingle white one; lower-ones beneath grey.
Inhabits *Southern Europe*. *Eſp. Pap. tab.* 87. *fig.* 2. 3.
Lower-wings with a fulvous ſpot only, beneath grey with a ſmall central white line.
Larva green with black ſpots and white lines: *pupa* green with white lines.

F. album. Wings angular indented fulvous ſpotted with brown; lower-ones with a ſnowy line beneath.
Inhabits *Ruſſia*. *Eſp. pap. tab.* 87 *fig.* 1.
Margin of the *upper-wings* brown: *lower-wings* with a large ſnowy ſpot in the middle ending at the baſe in a brown dot, the tip yellowiſh.

Harpyja. Wings falcate indented brown with a common blueiſh band dotted with black; beneath pale cheſnut with a brown ſtreak.
Inhabits *Africa*. In the muſeum of Sir *Joſ. Banks*.
Upper-wings with a few ferruginous ſpots at the baſe of the upper-margin and edged with fulvous behind, beneath a white dot at the tip: *lower-wings* with a ferruginous band at the end of the blueiſh one, beneath a few ſubocellar ſmall white dots

Meliſſa. Wings indented brown; lower-ones beneath marbled with grey.
Inhabits *America*. In the Muſeum of Sir *Joſ. Banks*.
Lower-wings beneath varied with white and black.

Elea. Wings indented brown; upper-pair with a fulvous band, lower ones with a white one.
Inhabits *India*. *Cramer tab.* 242. *fig.* D. E. and F. G.

Meſenteria. Wings indented brown; upper-pair with a fulvous band above and blue central ſpots beneath.
Inhabits *Surinam*. *Cramer* 14. *tab.* 162. *fig.* B. C.
Upper-wings beneath yellowiſh at the baſe, in the middle 6 blue ſpots annulate with black, then rufous, the tip brown with darker ſtreaks: *lower-wings* beneath yellowiſh at the baſe with 3 black lines and behind theſe ſtriate brown.

Niphe. Wings indented yellow; tip of the upper-pair black, with a white band; lower ones beneath ſilvery with 5 yes.
Inhabits *China*. *Cramer. tab.* 12. *fig.* B. C. D.
Drury. Inſ. tab. 6: *fig.* 2.

2. Wings above fulvous ſpotted with black without the black tip and white band.
Cramer. tab. 14. *fig.* D, E. *Drury.* 1. *tab.* 6. *fig.* 2.

Thyelia. Wings indented fulvous ſpotted with black; lower-ones beneath with a white band and 2 ſcarlet dots at the baſe.
Inhabits *India*. *Jones Fig. pict.* 5. *tab.* 83. *fig.* 2.
Upper-wings beneath yellow at the baſe with 2 ſcarlet ſpots annulate with black, the firſt double, the lower-one tranſverſe, the tip with a brown band and 3 white ſpots.

* *Paphia.* Wings indented fulvous ſpotted with black; lower-ones with ſilvery bands beneath.
Inhabits *Europe*. *Donovan.* vii. *tab.* 257. *Lewin. tab.* 9.
2. Cinereous ſpotted with black.
Inhabits *Ruſſia*. *Eſp. Pap. tab.* 60 *fig.* 4.
Lower-wings beneath green with pale ſilvery bands.
Larva ſolitary ſpinous, fulvous with a yellow dorſal line and 2 long ſpines on the neck: *pupa* grey contracted at the neck.

Cynara. Wings indented green ſpotted with black: lower-ones beneath green with 3 ſilvery ſpots and 2 bands.
Inhabits the *Eaſt. Cramer.* 3. *t.* 25. *f.* B, C. *Eſp. t* 58. *f.* 1. 2. 3
All the *wings* edged with yellow above: *lower-wings* beneath with ſometimes 3 ſilvery dots between the bands.

Cethoſia. Wings indented fulvous ſpotted with black; lower-ones beneath brown at the tip with glaucous gloſs and ending in an interrupted ſilvery band.
Inhabits *Ruſſia*. *Schneider. Pap. tab.* 1. *fig.* 1. 2.
Upper-wings with a white dot towards the tip; beneath yellowiſh with black ſpots and a ſtreak of obſolete ſilvery dots: *lower-wings* beneath yellowiſh at the baſe with a pale cheſnut ſtreak incloſing a leſſer one, in the middle a ſilvery ſtreak.

Cytheræa. Wings crenate brown; upper-pair with a fulvous band; lower-ones with a common ſilvery one; beneath with a lanceolate ſilvery band.
Inhabits *India*. *Cramer* 32. *tab* 376. *fig.* C. D.

* *Aglaja.* Wings indented fulvous ſpotted with black; beneath 21 ſilvery ſpots.
Inhabits *Europe*. *Lewin, tab.* 11. *Wilks tab.* 21 a. 12.

Larva

Larva ſolitary ſpinous, black with ſquare lateral ferruginous ſpots: *pupa* reddiſh brown very much contracted at the neck.

Aphrodite. Wings indented fulvous ſpotted with black; lower-ones beneath brown with 24 ſilvery ſpots.

Inhabits *South America.*

Antennæ ferruginous, the club black with a ferruginous tip: *upper-wings* with 4 ſilvery dots at the tip beneath.

Myrina. Wings indented fulvous ſpotted with black, beneath with 30 ſilvery ſpots.

Inhabits *North America. Cramer.* 16. *tab.* 151. *fig.* B. C.

Upper-wings beneath with 9 ſilvery ſpots, lower-ones with 21 and a ſtreak of ocellate dots behind.

Cybele. Wings indented fulvous ſpotted with black; beneath with 34 ſilvery ſpots.

Inhabits *America. Cram.* 5 *tab.* 57. *fig.* E. F.

Beneath 8 dots on the upper-wings and 26 on the lower, the latter with a yellow band before the margin.

Idalia. Wings indented fulvous ſpotted with black, beneath with 37 ſilvery ſpots; lower-ones above blue dotted with white.

Inhabits *North America. Cramer.* 4. *tab.* 44. *fig.* D. E. F. G.

Antennae fulvous with a black club: *upper-wings* with 11, lower with 16 ſilvery ſpots. The other *Sex* has the margin of the *upper-wings* dotted with white and the dots on the *lower-ones* are yellow.

Diana. Wings indented brown with a common black diſk; lower-ones beneath with 9 ſilvery ſpots.

Inhabits *Virginia. Cramer.* 2. *tab.* 98. *fig.* D. E.

Upper-wings black at the baſe, the tip fulvous with 2 ſtreaks of dots; beneath ſpotted on the diſk. *Lower-wings* black at the baſe, the tip fulvous with a ſtreak of black dots; beneath brown at the baſe with 2 ſilvery bands, the tip yellowiſh with 7 lunules.

* *Adippe.* Wings indented fulvous ſpotted with black; beneath 28 ſilvery ſpots.

Inhabits *Europe, Lewin. tab.* 10. *Eſp. tab.* 18. *fig.* 1

Lower-wings with a row of ferruginous dots, moſt of them with a ſilvery pupil; the margin green. *Larva* brown ſpinous with lateral red marks and a dorſal black line including a white one: *pupa* reddiſh-brown with ſilvery dots.

**Lathonia.* Wings ſlightly indented pale fulvous ſpotted witd black; beneath with 37 ſilvery ſpots.
Inhabits *Europe.* *Donovan.* iii. *tab.* 73. *Lewin tab.* 12.
Larva ſpinous brown with darker ſpots and a white dorſal line: *pupa* brown before, greeniſh behind.

**Euphroſyne.* Wings indented pale fulvous ſpotted with black; beneath with 9 ſilvery ſpots.
Inhabits *Europe.* *Lewin tab.* 13. *Eſp.* 1. *tab.* 18. *fig.* 3.
Larva ſpinous black with a pair of dorſal orange ſpots on each ſegment.

Selene. Wings indented fulvous ſpotted with black; lower-ones beneath with 12 ſilvery ſpots, a diſtinct black dot at the baſe and ſtreak behind.
Inhabits *Kiel.* *Ernſt. Inſ. Europ.* 1. *tab.* 19. *fig.* 19.
Lower-wings beneath with a ſilvery ſpot at the angle of the tail and others oppoſite at the outer margin, 2 large pale cheſnut ſpots behind and near theſe a ſtreak of black dots.

Niobe. Wings indented fulvous ſpotted with black; beneath with pale ſpots and 3 ſilvery ocellate ones.
Inhabits *Europe.* *Eſp.* 1. *tab.* 18. *fig.* 4. *Schaeff t.* 208. *f.* 1. 2.
Inſtead of pale ſpots are ſometimes ſilvery-ones.
Larva ſpinous, the ſpines white, brown with yellow ſpots in lines.

Columbina. Wings indented fulvous ſpotted with black; lower ones beneath with 2 ſilvery ſtreaks
Inhabits *America.* *Jones Fig. pict.* 5. *tab.* 7. *fig.* 2.
Lower-wings beneath with a few black dots between the ſtreaks.

Bellona. Wings indented fulvous ſpotted with black; lower-ones beneath ſilvery at the tip with 6 ocellar fulvous ſpots.
Inhabits *North America.* *Cramer.* 18. *tab.* 209. *fig.* E. F?.
Antennae variegated with cinereous and brown, the club fulvous: the ſilvery ſpots annulate with pale cheſnut brown.

Phalanta. Wings indented fulvous ſpotted with black; lower-ones beneath glaucous at the tip with 3 fulvous ocellar ſpots.
Inhabits *Eaſt India.* *Cramer* 29. *tab.* 337. *fig.* D. E.

Thais. Wings indented fulvous, the margin ſtreaked with black; beneath glaucous, lower-ones with a ſilvery band and ocellar dots.

Inhabits

Inhabits *America*. In the Muſeum of Dr. *Hunter*.
All the *wings* fulvous with a purple gloſs.

Gripus. Wings entire browniſh; beneath a ſtreak of white dots
Inhabits *India*. *Cramer*. 16. *tab* 183. *fig*. C. D.
Feelers ferruginous tipt with black: *upper-wings* ruſty-brown with a yellow band at the tip: beneath yellow at the tip with a ſtreak of 5 white dots.

Poſthumus. Wings falcate entire brown with a blue diſk; lower-ones beneath grey immaculate.
Inhabits —— *Jones. Fig. pict.* 5. *tab.* 77. *fig.* 2.
Upper-wings beneath brown at the baſe ſpotted with white, the tip grey.

Sophorae. Wings entire brown with a ferruginous band; lower-ones beneath cheſnut-brown with 2 eyes.
Inhabits *America*. *Cramer*. 21. *tab*. 213. *fig*. A. B, C.
Larva gregarious naked lineate.

Xanthus. Wings entire brown with a ferruginous band; lower-ones beneath marbled with grey and 2 eyes.
Inhabits *Aſia*. *Cramer* 16. *tab* 183. *fig* A. B.
One of the *eyes* is marked with a white lunule.

Caſſiae. Wings ſcalloped brown with a ferruginous band bifid at the tip, lower-ones beneath cinereous with 2 eyes.
Inhabits *America*. *Cramer*. *tab*. 105. *fig*. A. B. *t*. 106. *f*. A.
Larva green ſtreaked with red, head 2 ſpined, tail bifid: *pupa* reddiſh with ſilvery ſpots.

Boeotus Wings entire, above black with a marginal yellow band; lower-ones beneath with 6 ocellar ſpots.
Inhabits *Surinam*. *Cramer*. 16. *tab*. 184. *fig*. B. C.
Upper-wings with 3 white dots at the tip: all beneath variegated, with a ſingle ocellar ſpot on the upper pair and 6 on the lower-ones.

Arcadius. Wings entire; upper-pair black ſpotted with blue and white; lower-ones brown, beneath cheſnut-brown.
Inhabits *Africa*. *Jones Fig. pict*. 5. *tab*. 38. *fig*. 1.
Upper-wings with a large blue ſpot at the baſe, ſpotted with brown, the tid ſpotted with white; *lower-wings* with blue marginal ſpots.

Honorius.

Honorius. Wings entire blue; upper-pair black at the tip with a brown rib; lower-ones dotted with black at the base and striate at the tip.
Inhabits——*Jones Fig. pict.* 6. *tab.* 67. *fig.* 1.
Upper-wings with a streak of blue dots before the tip; beneath brown with blue dots at the base and a few at the tip; *lower-wings* with a black outer margin; beneath dusky with black dots at the base and streaks at the tip.

Octhon. Wings entire brown with a fulvous marginal streak, lower-ones beneath nearly naked, with 7 eyes.
Inhabits *Surinam.*
Upper-wings with a fulvous streak at the tip and a few white dots; beneath a small black eye: *lower-wings* beneath waved with obsolete white and brown streaks and 7 eyes.

Polixenes. Wings entire brown; lower-ones beneath clouded with brown and grey.
Inhabits *North America.* In the museum of Sir *Jos. Banks.*

Cupavius. Wings entire black spotted with white; lower-ones beneath grey with a white band each side.
Inhabits *Africa* and *Guinea. Cramer. tab.* 193. *fig.* E. F.
The white band is abbreviated on the lower-wings.

Constantius. Wing entire dull cinereous with a marginal streak of brown dots.
Inhabits—— *Jones. Fig. pict. tab.* 50. *fig.* 1.
Dots on the *upper-wings* surrounded with a white lunule; beneath a broad paler band behind the middle in which is a streak of darker dots.

Marthesius. Wings entire black; upper-pair with a fulvous disk; lower-ones with a streak of white dots.
Inhabits *Surinam. Cramer.* 16. *tab.* 191. *fig.* A, B.

Arcesilaus. Wings entire; above ferruginous immaculate, beneath brown with 2 darker streaks.
Inhabits *Siam.* In the museum Sr. *Jos. Banks.*

Nero. Wings entire sanguineous with a browniſh margin; lower-ones orange beneath.
Inhabits *Asia.* In the *British Museum.*
Upper-wings beneath orange with a scarlet disk, lower-ones with 2 brown streaks.

Polycarmes.

Polycarmes. Wings entire, above black, beneath chefnut-brown immaculate.
Inhabits *Surinam. Cramer.* 28. *tab.* 329. *fig.* C, D.

Æropus. Wings entire brown with a yellow band; upper-pair beneath with a fingle eye at the bafe.
Inhabits *India. Cramer.* 10. *tab.* 111. *fig.* F, G.

Ancæus. Wings entire black with a blue band on the upper-pair and a ferruginous one on the lower-ones; beneath green.
Inhabits *India. Cramer.* 29. *tab.* 338. *fig.* C, D.

Obrinus. Wings entire above brown with a blue band and ferruginous fpot, beneath green with a whitifh band.
Inhabits *India. Cramer.* 5 *tab.* 49. *fig.* E, F.
Upper wings with a ferruginous fpot, the iris blackifh, behind this a blue band, and a blue fpot at the tip; beneath a pale blueifh band; *lower-wings* with 3 fmall black dots; beneath 3 rufty-brown ftreaks and 2 dots.

Lucindus. Wings entire barred with black, above blue beneath fulvous.
Inhabits *Surinam. Cramer Inf.* 1. *tab.* 1. *fig.* E, F.
A ftreak of black dots above towards the margin on the *upper-wings*, and beneath on all.

Liriope. Wings entire fulvous, the border brown with fulvous fpots; lower-ones yellowifh with fulvous waves.
Inhabits *Guiana. Cramer.* 1. *tab.* 1. *fig.* C, D.
Lower-wings beneath with a ftreak of fulvous ocellar dots behind and a marginal one of lunules.

Arminius. Wings entire, both furfaces alike, fulvous with reddifh-lunules and dots.
Inhabits——*Jones Fig. pict.* 6. *tab.* 32. *fig.* 4.

Morpheus. Wings entire fulvous fpotted with black; lower-ones with a ftreak of black dots each fide.
Inhabits *North America. Cram.* 9. *tab.* 201. *fig.* A, B, C.
Antennæ black annulate with white, the tip fulvous: *body* above brown, beneath cinereous: *lower-wings* beneath paliih with brown waved ftreaks margin and 6 dots.

Lyfidice. Wings entire blue with a black border above and bands beneath.
Inhabits *Surinam. Cramer.* 15. *tab.* 169. *fig.* C, D.

Upper-

Upper-wings with black nerves and margin: *lower-wings* with a black margin. Beneath a ſilvery dot in the third band of the upper-pair and 3 in that of the lower-ones.

Eumenus. Wings entire brown with a white band which in the lower ones is terminated each ſide by a fulvous ſpot.
Inhabits *Cayenne.* Tip of the *wings* whitiſh.

Dardus. Wings entire brown; upper-pair with a blue eye in the middle each ſide; all beneath with 2 ocellar ſtreaks.
Inhabits *Surinam.* *Body* brown.
All the *wings* with 7 obſolete grey macular ſtreaks above, the hinder-one ſubocellar; the blue eye on the upper-pair with a fulvous iris and without pupil, behind this 2 ſmall white dots: beneath all with 2 macular whitiſh ſtreaks towards the tip, the hinder-one ſubocellar.

Arcas. Wings entire blue; upper-pair ſpotted with white; lower-ones with a black and white marginal ſpot.
Inhabits *Surinam.* *Cramer.* 15. *tab.* 189. *fig.* E, F.

Canthus. Wings entire, above brown immaculate: lower-ones with 6 eyes beneath.
Inhabits *North America.* *Cram.* 17. *tab.* 204. *fig.* C, D.
All the *wings* beneath paler with 2 oblique ferruginous ſtreaks, upper-pair with 3 ſmall obſolete eyes, lower-ones ſtreaked at the margin with 6 eyes, the fifth very large, the ſixth very minute at the angle of the tail.

Eurytris. Wings entire brown; upper-pair with 2 eyes each ſide, lower-ones with a ſingle one above and 4 beneath, all of them with a double pupil.
Inhabits *Jamaica.* *Cramer.* 11. *tab.* 132. *fig.* C, D.
Antennæ annulate with white and black, the tip ferruginous: all the *wings* with darker marginal ſtreaks above: all the eyes black with yellow iris and double ſilvery pupil; between the ſecond and third on the under-page of the lower-wings are 2 ſilvery ſpots.

Hermes. Wings entire, above brown immaculate with 6 eyes on the the upper-pair, 3 of which are blind.
Inhabits *Braſil.* *Cramer.* 5. *tab.* 60. *fig.* E, F.
Wings beneath paler with 2 dark waved ſtreaks, on the upper-pair 3 obſolete eyes and 6 on the lower-ones, the iris yellow pupil ſnowy, 1,3,4. blind.

Irius.

Irius. Wings entire with a yellow diſk; lower-ones with 1 eye above and 2 beneath.
Inhabits *New Holland.* In the muſeum of Sir. *Joſ. Banks.*
Upper-wings brown with a yellow diſk; beneath a ſmall eye before the tip: *lower-wings* brown with a broad ferruginous band and a black eye with ferruginous iris and ſnowy pupil; beneath pale at the tip with 2 black eyes ſurrounded with a ferruginous and broad ſilvery ring, the pupil ſnowy, between the eyes a ſmall ſilvery ſpot.

Mineus. Wings entire brown; upper-pair with a ſingle eye above, lower-ones with 7 beneath and a white band.
Inhabits *China. Cramer.* 7. *tab.* 84. *fig.* C, D.

Crantor. Wings entire brown; lower-ones with a ſingle bipupillate eye above and 5 beneath, the firſt and fourth bipupillate.
Inhabits *India Jones Fig. pict.* 4. *tab.* 18. *fig.* 1.
Lower-wings with a black eye above, the iris yellow and pupil double; beneath 5, the third and fifth blind.

Mergus. Wings entire brown, both ſurfaces alike; upper-pair with 4 eyes, the anterior one with a double pupil; lower-ones with 5
Inhabits *Africa. Jones Fig. pict.* 4. *tab.* 41. *fig.* 2.
The *eyes* black with a fulvous iris and white pupil.

Heſperia. *Rurales.*

Cupido. Lower-wings 6-toothed, tailed, beneath whitiſh with ſilvery ſpots.
Inhabits *America. Cramer.* 14. *tab.* 164. *fig.* D,E,F,G.
Larva white dotted with black.

Gnidus. Wings 6-toothed tailed, white with a black border; lower-ones with ſilvery ſpots beneath.
Inhabits *Surinam. Cramer.* 21. *tab.* 244 *fig.* C,D,E,F.

Agrippa. Wings 3-tailed blue with a black border; beneath cinereous with a white ſtreak and 2 rufous ſpots at the angle of the tail
Inhabits *America. Jones Fig. pict.* 6. *tab.* 3. *fig.* 3.
Spots at the angle of the tail with a black pupil.

Helius. Wings- 3-tailed; upper-pair black, lower-ones blue: beneath cinereous with 2 brown ſtreaks and 2 eyes at the angle of the tail.

Inhabits *Africa*. *Cramer*. 19. *tab*. 224. *fig*. D, E.
Antennae black annulate with white, the tip fulvous; *upper-wings* with a thin blue edge: *lower-wings* with 3 black tails tipt with white: the *eyes* at the angle of the tail black with a rufous iris.

Janias. Wings 3-tailed blue with a black border; beneath green.
Inhabits *Surinam*. *Cramer*. 18. *tab*. 213. *fig*. D, E.
Lower-wings beneath with a black spot towards the margin.

Pythagoras. Wings 3-tailed black with a yellow border; beneath black varied with white and a white band in the middle.
Inhabits *India*. *Jones Fig. pict*. 6. *tab* 14. *fig*. 4.
Small. *Lower-wings* with marginal lunules.

Amor. Wings 3-tailed brown, the disk beneath variegated and a golden streak behind on the lower-ones.
Inhabits *India*. *Cramer*. *tab*. 320. *Jones* 6. *tab*. 11. *fig*. 3.
Antennæ annulate with white and black the club ferruginous at the tip: *upper-wings* with a white spot in the middle: *lower-wings* with a terminal rufous band and 3 filiform tails. Beneath the disk white varied with black and yellow, the border brown with a white marginal streak on the upper-pair: at the angle of the tail are 2 small spots.

Hesiodus. Wings 3-tailed black with a blue disk; beneath white with a common greenish streak and 2 silvery black dots at the angle of the tail.
Inhabits *India*. *Cramer*. *tab*. 90. *Jones* 6. *tab*. 9. *fig*. 4.
At the angle of the tail are 2 dots which in the upper-pair are black, in the lower-ones silvery.

Timon. Wings 3-tailed, greenish at the base; beneath white with an abbreviated red band on the lower-ones.
Inhabits *America*. In the museum of Dr. *Hunter*.
Upper-wings above brown with a greenish base, beneath white with a darker tip: *lower-wings* greenish spotted with white, beneath white with an abbreviated brown streak at the angle of the tail and a red band with 2 black spots.

Monous. Wings 3-tailed brown; beneath snowy slightly barred with brown, the lower-ones with 2 gilt eyes.
Inhabits *Africa*. In the museum of Sir *Jos. Banks*.
Upper-wings beneath with a transverse brown spot in the middle and band at the tip: *lower-wings* streaked with white at the margin, the tails short and white; beneath with 3 brown dots at the base interrupted band in the middle and patch at the tip, at the hind-margin 2 gilt eyes with a fulvous iris.

Faunus.

Faunus. Wings 3-tailed brown; beneath white with 2 fulvous ſtreaks.
Inhabits *Africa*. *Cramer. tab.* 39. *fig.* B, C. *tab.* 96 *fig.* F, G.
Lower-wings with a white ſtreak behind, the tails long white.

Liſias. Wings 3-tailed; upper-pair brown with a fulvous ſpot; lower-ones beneath white ſpotted with black.
Inhabits *Poulicandor*. In the muſeum of Sir *Joſ. Banks*.
Upper-wings beneath yellowiſh with fulvous ſtreaks and a brown one behind: *lower-wings* ſpotted with blue on the hind-margin, the tails black edged with white.

Hymen. Wings 3-tailed brown, ſpotted with white beneath; upper-pair white above.
Inhabits *Africa*. In the muſeum of Sir *Joſ. Banks*.
Upper wings with a common whitiſh ſpot at the thinner-margin, beneath with tranſverſe white lines.

Gabrielis. Wings nearly 3-tailed gloſſy-blue; lower-ones beneath brown with white bands before the tip.
Inhabits *America*. *Cramer*. 1. *tab.* 6. *fig.* C, D.
Lower-wings ferruginous at the tip and barred with white, angle of the tail greeniſh.

Pindarus. Wings nearly 3-tailed blue with a black border, beneath brown with ſilvery and fulvous ſpots.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 4 *fig.* 4.
Wings black with a ſtriate blue diſk, at the angle of the tail 2 rufous ſpots.

Chiton. Wings 3-tailed blue with a brown border, beneath yellowiſh-white with black bands.
Inhabits *India*. *Cram. tab.* 282. *fig.* C, D. *Jones* 6. *t.* 2. *f.* 1.
Lower-wings with 3 black tails tipt with white, in the hind-border a white ſtreak; beneath 4 bands meeting at the angle of the tail.

Pelion. Wings nearly 3-tailed blue with gold dots and a brown border.
Inhabits *America*. *Cram.* 1. *tab.* 6. *fig.* E, F.
Wings beneath brown with white bands and darker at the baſe, upper pair with a ſmall ſcarlet dot.

Aunus. Wings nearly 3-tailed blue with a black border, beneath black with white bands.

Inhabits *America*. *Cramer*. 2. *tab*. 23. *fig*. E. F.
The middle tail longer and white before the tip.

Petus. Wings nearly 3-tailed blue with a black border; beneath brown, the base rufous dotted with white.
Inhabits *Surinam*.
Antennæ black with a white club.

Freja. Wings 2-tailed brown; the disk beneath brown with a waved streak, which on the upper-pair is fulvous on the lower-ones black.
Inhabits *Tranquebar*.
Upper-wings beneath white with a fulvous border transverse line in the middle and streak behind: *lower-wings* white at the tip with a broad black band, the first tail white the second black edged with white; beneath with fulvous and black marginal streaks, the tip prominent, with a broad blue band terminated each side with a black dot.

Etolus. Wings 2-tailed, upper-pair black; lower-ones blueish beneath whitish with a black dot at the base and 2 at the tip.
Inhabits *India*.
Upper-wings a little blueish on the inner-margin: *lower-wings* with a black dot at the tip. Beneath the upper-pair brown testaceous with 2 darker streaks, lower-ones with 2 interrupted dark streaks before the tip, the tails white with a black line in the middle.

Vulcanus. Wings 2-tailed, above brown with fulvous spots, beneath variegated with fulvous yellow and silvery streaks.
Inhabits *India*. *Cramer*. 18. *tab*. 208 *fig*. E. F.
Body brown with lateral white stripes: *upper-wings* with 4 transverse fulvous spots: *lower-ones* with a marginal fulvous band and black dot at the angle of the tail with a golden iris, beneath 2 black dots at the angle of the tail.

Ganymedes Wings 2-tailed blueish with a brown border, beneath greenish at the base with gold dots.
Inhabits *India*. *Cramer*. 4. *tab*. 40. *fig*. C, D.
Upper-wings with a brown central dot, beneath 2 white streaks and a purple one in the middle: *lower-wings* beneath with a white purple and green approximate bands, the hind-margin brown.

Mars. Wings 2-tailed brown; lower-ones with a rufous spot and 2 white dots and an oblique band beneath.

Inhabits

Inhabits *America*. *Cramer* 15. *tab.* 175. *fig.* C, D.
Antennæ annulate with white and black, the club ferruginous at the tip: *upper-wings* with a darker ſpot in the middle, beneath cinereous with an oblique white band: *lower-wings* beneath with a large rufous ſpot before the angle of the tail,

Celerio. Wings 2-tailed white; beneath with alternate brown and white bands and a triple rufous eye at the angle of the tail.
Inhabits *Surinam*. *Cramer*. 3. *tab.* 31. *fig.* C. D.
Upper-wings dotted with black at the tip: *lower-ones* at the margin.

Ematheon. Wings 2-tailed gloſſy-blue, beneath black ſpeckled with blue.
Inhabits *Surinam*. *Cramer* 14. *tab.* 163. *fig.* F. G.
Upper-wings with a black ſpot; all tipt with black.

Didymaon. Wings 2-tailed brown; the baſe beneath red with white ocellar dots.
Inhabits *Surinam*. *Cram.* 12. *tab.* 134. *fig* A.
A greeniſh ſpot beneath at the angle of the tail,

Eroſine. Wings 2-tailed brown, upper-pair with 7 red dots, lower-ones with 3; upper-pair beneath with 3 ſilvery dots.
Inhabits *Cape of good hope*. *Cram.* *tab.* 341. *fig.* D. E.
Upper-wings beneath brown with a fulvous diſk ſpotted with black and 3 ſpots with a white pupil: *lower-ones* beneath brown ſpotted with white.

Iſocrates. Wings 2-tailed brown with 2 approximate waved darker ſtreaks, and a double black ſpot at the angle of the tail.
Inhabits *India*. Large,
Antennae black annulate with white: *upper-wings* with a ferruginous ſpot in the middle: *lower-ones* ferruginous at the tip: one of the ſpots at the angle of the tail ferruginous on the fore-part.

Arys. Wings 2-tailed brown with a blue diſk; beneath cinereous with brown veins, the baſe with a fulvous ſpot and white dots.
Inhabits *India*. *Cram.* *tab.* 259, *Jones* 6. *tab.* 13. *fig.* 1.

Sophocles.

Sophocles. Wings 2-tailed black with a common blue diſk; beneath white with waved yellowiſh ſtreaks, the lower-ones with a fulvous dot at the tip.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 13. *fig.* 2.
Lower-wings beneath with a black line in the middle.

Euripides. Wings 2-tailed black with a blue diſk: beneath brown with an abbreviated white ſtreak on the the upper-pair, and 2 angular rufous ſtreaks and marginal ocellar ſpot on the lower-ones.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 13. *fig.* 4.

Pholeus. Wings 2-tailed blue; beneath black with green and blue bands.
Inhabits *Surinam*. *Cramer.* 14. *tab.* 163. *fig.* D, E.
The *wing-tail* terminating in a white dot.

Anacreon. Wings 2-tailed brown, beneath waved with white and a macular fulvous ſtreak behind.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 5. *fig.* 4.
Wings beneath with a fulvous ſtreak towards the hind-margin, that on the upper-pair conſiſting of 5 dots, that on the lower-ones of 3 the middle-one with a black pupil.

Thales. Wings 2-tailed black with blue lunules beneath; lower-ones beneath with an abbreviated ſubmarginal gold band.
Inhabits *India*. *Jones. Fig. pict.* 6. *tab.* 14. *fig.* 1.
Wings with a blue hind-margin.

Endymion. Wings 2-tailed; beneath green with rufous and gold ſpecks, lower-ones with a black ſtreak and red band.
Inhabits *Surinam*. *Cramer.* 6. *tab.* 72. *fig.* E. F.
Wings above blue with a black margin and red at the angle of the tail; the red band ends in a white one.

Venus. Wings 2-tailed; lower-ſurface of the upper-pair green ſpeckled with gold, of the lower-ones gold, ſpotted with green and black.
2. Wings 3-tailed blueiſh tipt with black; beneath golden ſpeckled with black.
Inhabits *Surinam*. *Cramer* 7. *tab.* 76. *fig* E. F.
Wings above blue tipt with black, upper-pair with 2 ferruginous dots in the centre: *tails* black.

Echion. Wings 2-tailed, above brown, beneath paliſh with a rufous band and terminal red eye.
Inhabits *America*. *Eſp.* 1. *tab.* 20. *fig.* 1. *Ernſt. tab.* 37. *f.* 77.
Upper-ſurface of the *wings* ſometimes ſhinging blue.

Telemus. Wings 2-tailed ſhining-blue ; lower-ones with a marginal angular black ſtreak beneath.
Inhabits *America*. *Cramer*. 1. *tab.* 4. *f.* D, E.
Upper-wings with a black ſpot in the middle ; *tails* black.

Dindus. Wings 2-tailed black, the thinner margin blue ; beneath cinereous with white ſpots and a double rufous ſpot at the angle of the tail.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 4. *fig.* 2.
Upper-wings beneath with 2 brown lines in the middle, then a ſtreak of brown ſpots edged with white, then a ſtreak of white lunules.

Cecrops. Wings 2-tailed black with a red band beneath.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 21. *fig.* 2.
Upper-wings beneath with a red ſpot in the middle and abbreviated band behind : *lower-wings* beneath with a red band behind jointed to a blueiſh one and behind this black lunules and a marginal fulvous ſpot with a black dot.

Hemon. Wings 2-tailed, above brown immaculate ; lower-ones beneath with 3 blueiſh bands at the angle of the tail.
Inhabits *Surinam*. *Cramer* 2. *tab.* 20. *fig.* D, E.
Wings beneath paler with 2 black half ſtreaks on the upper pair, and a black dot at the baſe with a lateral white pupil on the lower-ones, towards the angle of the tail an incurved white ſtreak.

Sphinx. Wings 2-tailed blueiſh, beneath cinereous with a double black ſpot at the angle of the tail.
Inhabits *India*. *Cramer* 4. *tab.* 46. *f.* F. G.
Wings above blue, the margin of the upper-pair brown ; beneath with 2 waved brown ſtreaks, one of the ſpots at the angle of tail ſurrounded with a rufous lunule, the other in the tail itſelf.

Melibœus. Wings -2-tailed blueiſh with a brown border ; beneath yellowiſh with brown ſtreaks on the upper-pair and black-ones on the lower, angle of the tail black with blue rings.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 2. *fig.* 2.

Lower-

Lower-wings with a white ſtreak in the border and a black ſubocellar dot at the angle of the tail.

Maecenas. Wings 2-tailed black with a blue diſk, beneath with cheſnut-brown clouds
Inhabits *China*. *Jones Fig. pict.* 6. *tab.* 3. *fig.* 2.
Upper-wings beneath with an interrupted white line at the baſe: *lower-ones* beneath with a black dot at the angle of the tail.

Tyrtaeus Wings 2-tailed brown; lower-ones beneath with a waved white ſtreak and black marginal lunules, the middle-ones rufous.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 11. *fig.* 1.
Lower-wings with a blueiſh band bifid behind the diviſions ending in a black dot.

Xenophon. Wings 2-tailed brown with a yellow diſk; beneath cinereous with a white ſtreak in the middle joined to a brown one.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 15. *fig.* 4.
Lower-wings with a marginal punctured brown ſtreak.

Marſyas. Wings 2-tailed, above blue, beneath blueiſh with black dots.
Inhabits *America* *Cramer Inſ.* 28. *tab* 332. *fig.* A, B.

Bathis. Wings 2-tailed blue with a black eye; beneath brown with white bands, angle of the tail rufous.
Inhabits *Surinam. Cramer*: *tab.* 51. *fig.* E, F. *Jones* 6. *t.* 10. *f.* 1
The eye in the middle of the *upper-wings* with a cinereous iris.

Cyanus. Wings 2-tailed ſhining blue, beneath with a white diſk.
Inhabits *Surinam*. *Cramer*. 7. *tab.* 76. *fig.* C. D.
Lower-wings beneath with 7 blue ſpots, the pupil black.

Hyacinthus Wings 2-tailed ſhining blue; under-ſurface of the lower-ones black in the middle with a white band.
Inhabits *India*. *Cramer* 3. *tab.* 36. *fig.* E.

Haleſus. Wings 2-tailed blue edged with black; lower-ones each ſide ſpotted with gold at the tip.
Inhabits *America*. *Cramer* 9. *tab.* 98. *fig.* B. C.
An ocellar brown ſpot with a rufous lunule in the middle on the upper

upper-wings, beneath a rufous dot and blue line at the base: *lower-wings* with a rufous and gold spot at the base beneath.

Achæus. Wings nearly 2-tailed brown with fulvous spots; beneath yellow with gold spots.
Inhabits *India*. *Cramer. tab.* 352. *Jones* 6. *tab.* 4. *fig.* 1.
Wings beneath with numerous gold spots, some of them annulate with brown, the *tails* short and shining gold.

Pericles. Wings 2-tailed black; beneath brown waved with white, angle of the tail with a double silvery spot.
Inhabits *India*. *Jones Fig. pict.* 6 *tab.* 18 *fig.* 3.
Lower-wings with a few black dots beneath.

Formosus. Wings 2-tailed brown, beneath yellowish with red and and gold spots.
Inhabits *Surinam*. *Cramer* 10. *tab.* 118 *fig.* G.
Hind-margin of the *wings* beneath golden.

Meton. Wings 2-tailed white with a brown border; upper-pair with an ocellar gold spot.
Inhabits *Surinam*. *Cramer*. 17. *tab.* 201. *fig.* C. D.
Wings beneath varied with black yellow and brown.

Thoas. Wings indented, nearly 2-tailed, blackish with fulvous spots; beneath with silvery spots.
Inhabits *Africa*.

Liger. Wings 2-tailed white tipt with black, beneath brown with white streaks and lunules.
Inhabits *Surinam*. *Cramer*. 22. *tab.* 254. *fig.* E. F.
Body white: *antennæ* black: *lower-wings* beneath with a blue spot in the middle and 2 at the tip.

Harpax. Wings tailed fulvous spotted with black, beneath cinereous with gold dots.
Inhabits *America*.
Antennæ black with white lateral dots and band before the club which is ferruginous at the tip: *wing-tail* ferruginous tipt with white.

Valens. Wings tailed brown; beneath yellowish with red spots including gold ones.

Inhabits *Surinam.* In the Muſeum of Sir *Joſ. Banks.*
Upper-wings with a diaphanous ſpot in the middle; beneath a gold ſtreak towards the hind-margin.

Perion. Wings tailed fulvous with a brown border and bands; beneath dotted with gold.
Inhabits *Surinam. Cram.* 32. *tab.* 379. *fig.* B. C.
Tail long black ending in a white dot.

Auguſtus. Wings tailed white with a brown border; beneath varied with ferruginous and yellow, the lower-ones with 2 cinereous ſtreaks.
Inhabits *America. Jones Fig. pict.* 6. *tab.* 3. *fig.* 1.
Wings with a black ſpot at the angle of the tail: lower-ones beneath with a black dot at the baſe annulate with yellow.

Centaurus. Wings tailed blueiſh with a brown border, beneath cinereous with ocellar ſpots at the baſe.
Inhabits *New Holland.* In the Muſeum of Sir *Joſ. Banks.*
Upper-wings beneath with 4 or 5 brown ſpots annulate with white, behind theſe a brown band edged with white: *lower-wings* beneath with 6 or 7 brown ſpots annulate with white at the baſe.

Gerontes. Wings tailed black with a common tranſverſe white ſpot; upper-pair with an eye, lower ones with a double one.
Inhabits *Africa.* In the Muſeum of Sir. *Joſ Banks.*
Black eye on the *upper-wings* with a lunular ſilvery pupil, that on the lower-wings with 2 ſilvery pupils and common ferruginous iris: hind-margin with ſilvery lunules.

Jarbus. Wings tailed fulvous with a brown border; beneath cinereous with a white ſtreak, lower-ones with 2 black dots
Inhabits *Siam.* In the muſeum of Sir *Joſeph Banks.*
Antennae black annulate with white, the club black with a fulvous tip: *wing-tails* thin black tipt with white: *lower-wings* beneath with 2 black dots at the tip, the anterior-one with a fulvous iris.

Ceranus. Wings tailed blueiſh; beneath cheſnut-brown at the baſe ſpotted with white.
Inhabits *India. Cramer. tab.* 332. *Jones* 6. *tab.* 3. *fig.* 4.

Par

Pann. Wings tailed brown; upper-pair with a fulvous ſpot, lower-ones with a black ſubmarginal one; beneath cinereous with 2 eyes at the angle of the tail.

Inhabits *Africa*. *Jones Fig. pict.* 6. *tab.* 2. *fig.* 3.

Black ſpot on the *lower-wings* annulate with ferruginous: all beneath ſtreaked with white, one of the ſpots at the angle of the tail ſurrounded with a ferruginous ring.

Phorbas. Wings tailed brown with a white diſk; beneath white with cinereous ſtreaks and 2 black dots at the angle of the tail.

Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 2. *fig.* 4.

Lower-wings with a white hind-margin ſpotted with brown.

**Betulæ.* Wings ſlightly tailed brown; beneath yellowiſh with 2 white ſtreaks on the lower-ones,

Inhabits *Europe*. *Donovan.* vii. *tab.* 250. *Lewin. tab.* 42.

Wing-tail red: *male* with a ſhort black ſtreak on the lower-wings: *female* with a large fulvous ſpot on the upper-pair.

Larva fat green with pale ſtreaks: *pupa* glabrous, ferruginous.

**Pruni.* Wings ſlightly tailed, above brown with a red ſpot at the tip of the lower-ones: lower-wings beneath with a fulvous marginal band dotted with black.

Inhabits *Europe*. *Lewin tab.* 44. *Eſp.* 1. *tab* 39. *fig.* 1.

Larva fat green with a pale lateral line: *pupa* brown with a white head.

Spini. Wings tailed brown; beneath cinereous with fulvous marginal lunules and a blueiſh ſpot near the tail.

Inhabits *Germany*, on the Prunus ſpinoſa.

Lower-wings with a few rufous ſpots at the tip, the tail tipt with white. Beneath a white ſtreak, the blueiſh ſpot at the angle of the tail with a terminal black dot.

Favonius. Wings ſlightly tailed brown with fulvous ſpots; beneath cinereous with 2 white ſtreaks, lower-ones with a ſubmarginal fulvous band and blueiſh at the angle of the tail.

Inhabits *America*. *Smith's Lepidop. Inſ. of Georgia.*

**Quercus.* Wings ſlightly tailed blueiſh; beneath cinereous with a white ſtreak and double fulvous dot near the tail.

Inhabits *Europe*. *Lewin. tab.* 43. *Albin. t.* 62. *f.* A. B.

Male, wings above brown with a blue heart-ſhaped ſpot on the upper-pair.
Larva fat, above roſy with 3 lines of green dots: *pupa* glabrous, ferruginous with 3 dorſal lines of brown dots.

Linceus. Wings tailed brown immaculate; lower-ones beneath with a lunulate white and rufous ſtreak.
Inhabits *Ruſſia*; reſembles P. ſpini.
Upper-wings beneath with an abbreviated ſtreak of 5 whitiſh lunules, a ſtreak of numerous white lunules on the lower-ones and a few red lunules behind: *male* with a fulvous diſk on the wings above.

Cerafi. Wings tailed brown immaculate; beneath a white ſtreak and fulvous lunules marked with a black dot on the ower-ones.
Inhabits *Auſtria*. *Eſp. pap.* 1. *tab.* 39. *fig.* 3.

Acaciae. Wings tailed brown; beneath blueiſh with a white ſtreak, and fulvous lunules near the tail.
Inhabits *Ruſſia*. much leſs than the laſt.
Lower-wings with 2 marginal fulvous ſpots, beneath with a white ſtreak and fulvous lunules near the tail with a black dot or two.

Symethus. Wings ſlightly tailed brown with a white ſpot on the diſk; upper-pair tipt with black.
Inhabits *America*. *Cramer.* 13. *tab.* 194. *fig.* B. C.
Upper-wings beneath grey with a white ſpot in the middle and ferruginous border, the hind-margin with a ſtreak of black dots: *lower-wings* beneath variegated, the margin dotted with black.

Batica. Wings tailed blueiſh; beneath cinereous with white waves, angle of the tail with a double gilt ſpot.
Inhabits *Europe* and *India*. *Eſp. pap.* 1. *tab.* 27. *fig.* 3.
Wing-tail tipt with white: the 2 *eyes* with a gilt iris and black pupil.

Apidanus. Wings tailed blue; lower-ones beneath brown varied with blue, angle of the tail with a double gilt ſpot.
Inhabits *Surinam*. *Cramer.* 12. *tab.* 137. *fig.* F. G.
Wings blue edged with black, beneath brown with a ferruginous ſpot at the baſe.

Aeliana.

Aeliannus. Wings tailed white; beneath cinereous with white ſtreaks, angle of the tail with a black eye

Inhabits *Eaſt India.*

Upper-wings above tipt with black: eye at the angle of the tail black with a gold gloſs and ſurrounded with a rufous ring.

Strephon. Wings tailed brown with a blueiſh diſk; beneath cinereous with a white band and double rufous eye at the angle of the tail.

Inhabits *India. Cramer. tab.* 27. *fig.* C, D.

Eye at the angle of the tail with a black pupil.

Ericus. Wings tailed blueiſh; beneath varied with white and brown, the lower-ones with 2 dots at the angle of the tail.

Inhabits *India. Cramer. tab.* 379. *Jones* 6. *tab.* 18. *fig.* 4.

Dots on the *wings* white annulate with black.

Theophraſtus. Wings tailed browniſh; beneath white ſpotted with black, lower-ones with 5 marginal gilt dots.

Inhabits *Morocco*; ſmall.

Upper-wings with 2 blueiſh lines at the baſe, the diſk with an obſolete yellowiſh ſpot ſpotted with black; beneath white with black lines.

Columella. Wings tailed browniſh; beneath cinereous with a ſtreak of black and white dots and 2 fulvous ſpots on the lower-ones.

Inhabits *South American Iſlands*; ſmall.

Antennae black annulate with white: *lower-wings* with a black ſubocellar ſpot or two at the tip, the tail black tipt with white.

Cleon. Wings tailed brown; beneath cinereous with a red ſtreak on the upper-pair and band on the lower-ones, angle of the tail with a double rufous eye.

Inhabits *Braſil.* In the muſeum of Sir *Joſ. Banks.*

Antennae annulate with white and black, the club black with a brown dot at the tip: all the *wings* above brown, a ſmall red dot at the angle of the tail; beneath cinereous with paler marginal lunules, the 2 eyes rufous with a black pupil.

Phocides. Wings tailed, above brown; lower-ones white with 2 black dots.

Inhabits *Africa. Jones Fig. pict.* 6. *tab.* 12. *fig.* 2.

Lower-wings white at the tip with 2 black dots: *upper-wings* beneath with 3 white and 3 teſtaceous alternate bands; lower-ones with brown dots and lines and 2 black dots at the tip.

Alcides.

Alcides. Wings tailed black with a blue gloſs; beneath ferruginous with a yellow ſtreak.
Inhabits *Sierra Leona*. *Cramer*. 8. *tab*. 96. *fig*. D, E.

Philippus. Wings tailed brown; beneath white with 2 fulvous ſtreaks and 2 ſubocellar black dots at the angle of the tail.
Inhabits *India*. *Jones Fig. pict*. 6. *tab*. 20. *fig*. 1.
Lower-wings with a white ſtreak behind and 2 ſubocellar black dots at the angle of the tail.

Atymnus. Wings tailed fulvous, upper-pair tipt with black.
Inhabits *Siam*. *Cramer*. 28. *tab*. 331. *fig*. D, E.

Eryx. Wings tailed black; beneath green with a ſlightly indented and ſpotted margin on the lower-ones.
Inhabits *China*. *Cramer*. 4. *tab*. 48. *fig*. E.

Aeolus. Wings tailed blue with a black ſpot on the upper-pair; all beneath with a white band ſtreaked with black.
Inhabits *India*. *Aubent. Miſcell. tab*. 18. *fig*. 6, 7.
Upper wings tipt with black: *lower-ones* beneath with a ſmall red dot at the anterior baſe and a red ſpot with a few white ones at the tip.

Coriolanus. Wings indented tailed, dull cinereous with a common ferruginous ſtreak.
Inhabits *India*. *Jones Fig. pict*. 6. *tab*. 48. *fig*. 1.
Lower-wings with a ferruginous patch behind; beneath 4 black dots marked with white.

Plinius. Wings tailed varied with white and brown; lower-ones beneath with a double gilt ſpot at the angle of the tail.
Inhabits *India*. *Jones Fig. pict*. 6. *tab*. 11. *fig*. 4.
Upper-wings with ſquare brown ſpots; beneath with bands.

Acmon. Wings tailed blue; lower-ones beneath black with green-gold ſtreaks at the tip.
Inhabits *Surinam*. *Cramer*. 5. *tab*. 51. *fig*. C, D.
Upper-wings with a black central ſpot.

Democritus. Wings tailed ſhining blue, beneath black ſpotted with white.
Inhabits *Eaſt India*.
Lower wings beneath with 2 black ſpots at the angle of the tail ſurrounded with a green gold ring.

Amyntas

Amyntas. Wings tailed blue with a black margin; beneath cinereous with black dots, and 2 ferruginous ones on the lower-pair at the angle of the tail.
Inhabits *Austria*. *Eſp. Pap. tab.* 49. *fig.* 2.
Upper-wings with a black lunule each ſide and a ſtreak of black dots beneath.

Timeus. Wings tailed varied with fulvous and brown; upper-pair beneath with ocellar black dots.
Inhabits *Surinam*. *Cramer*. 16. *tab.* 186. *fig.* E, F.
Diſk of the *upper-wings* fulvous dotted with black; beneath fulvous, the dots annulate with white: *lower-wings* with 4 blueiſh dots and a fulvous band.

Simaethis. Wings tailed brown, beneath green with a ſilvery ſtripe.
Inhabits *Surinam*. *Drury Inſ.* 1. *tab.* 1. *fig.* 3.
The ſtripe on the *lower-wings* is indented.

Sedi. Wings tailed blue, the margin ſpotted with white; beneath white with ſquare black ſpots and a rufous band.
Inhabits *Germany*. *Naturf.* 9. *tab.* 1. *fig.* 4, 5.
Larva green with a red dorſal line: *pupa* obtuſe, greeniſh before and cheſnut-brown behind.

Phidias. Wings tailed blueiſh with a brown border; beneath cinereous, all with a black dot at the angle of the tail.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 16. *fig.* 2.
Margins of the *wings* waved with white.

Herodotus. Wings tailed blue; beneath green with a ſtreak of black-white dots on the lower-ones.
Inhabits *India*. *Jones. Fig. pict.* 6. *tab.* 18. *fig.* 1.
Spots on the *wings* black on the fore-part and white behind.

Strabo. Wings tailed blue; beneath cinereous with white waves, lower-ones with 2 black marginal dots and 2 at the angle of the tail.
Inhabits *Eaſt India:* ſmall.
Upper-wings beneath with a ſmall black ſubocellar dot at the rib: *lower-wings* with a black dot at the tip; beneath 2 ocellar dots at the rib and 2 at the angle of the tail, the iris yellow on the fore-part and ſilvery behind.

**Rubi.* Wings ſlightly tailed, above brown beneath green.
Inhabits *Europe*. *Lewin. tab.* 44. *Albin. tab.* 5. *fig.* 8.
In one *ſex* a white ſtripe on the lower-wings beneath.
Larva green varied with yellow, head black: *pupa* pale brown.

Plato.

Plato. Wings tailed blue with a brown border, beneath cinereous with white waves, lower-ones with a black bipupillate eye.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 14. *fig.* 3.
Lower-wings with a marginal ſtreak of black dots; beneath a black eye with yellow iris and a double ſilvery pupil, at the angle of the tail a ſilvery ſpot.

Roſimon. Wings tailed white with a black border and dots on the diſk; beneath dotted with black, angle of the tail with 3 gold dots.
Inhabits *Inaia*. *Cramer Inſ. tab.* 340. *fig.* C,D,E.
Baſe of the *wings* with a blue gloſs, the tail black tipt with white.

Hippocrates Wings tailed brown tipt with white, beneath white dotted with black.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 17. *fig.* 1.
Lower-wings edged with white.

Theocritus. Wings tailed greeniſh with a darker rib, beneath black dotted with yellow.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 6. *fig.* 3.
Wings above greeniſh with a ſlight gold gloſs

Lincus. Wings tailed white tipt with brown; beneath with white and black bands, angle of the tail with 3 white dots.
Inhabits *Surinam*.
Upper-wings with a brown broad tip and dot in the middle; beneath 4 alternate white and black bands, the 2 middle ones black, the margin with a ſhort ferruginous ſtreak: *lower-wings* beneath with 6 alternate white and black bands meeting at the angle of the tail, the extreme ones ferruginous, angle of the tail black with 3 white dots.

Parrhaſius. Wings tailed blue (brown;) beneath cinereous with white ſtreaks, lower-ones with marginal gold dots.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 16 *fig.* 2.
Wings edged with brown: *lower-ones* with a ſtreak of black ocellate dots annulate with white at the baſe and 4 gold ones at the tip.

Amyntor. Wings indented tailed black with a fulvous ſpot at the baſe, the tip with a yellow band.
Inhabits *India*. *Cramer*. 13. *tab.* 159. *fig.* D, E.
Wings beneath yellow with a curved black band and hind-margin, *lower-ones* with a black hind-margin dotted with white.

Narciſſus.

Narciſſus. Wings indented brown, with a blueiſh diſk; beneath with red ſpots and bands with ſilvery edges.
Inhabits *New Holland*. In the muſeum of Sir *Joſ. Banks*.
Antennæ varied with white and black, the club rufous at the tip: *upper-wings* beneath with a yellowiſh outer margin, 2 ſilvery lines from the baſe to the middle, behind theſe a tranſverſe ſilvery line and 3 dots, then a tranſverſe rufous ſpot with a ſilvery edge, at the tip 5 ſilvery dots with a black pupil: *lower-wings* beneath with 2 red ſpots and 2 bands all with ſilvery edges, the hind-margin red with a ſilvery ſtreak.

Apelles. Wings indented fulvous with a brown border; lower-ones beneath with rufous bands with ſilvery edges.
Inhabits *New Holland*: probably a ſexual variety of the laſt.
Antennae annulate with white, the tip fulvous: *upper-wings* beneath yellowiſh with 3 ſilvery lines, behind theſe a tranſverſe rufous ſpot and 6 ſilvery dots, 5 ſilvery dots with black pupil at the margin: *lower-wings* beneath grey with 4 rufous bands, 3 black ſpots at the angle of the tail, and a ſilvery ſtreak on the hind-margin.

Heraclitus. Wings indented black with a fulvous ſpot on the upper-pair; lower-wings with a blue ſpot above and yellowiſh ſtreaks and blue dots beneath.
Inhabits *America*. *Jones Fig. pict.* 6. *tab.* 37. *fig.* 2,
Upper wings beneath with a fulvous dot and tranſverſe ſpot, and a yellow ſtreak at the baſe and tip.

Plautus. Wings indented brown, above immaculate, beneath with tranſverſe black and white lines.
Inhabits *India*. *Jones. Fig. pict.* 6. *tab.* 44. *fig.* 1.

Thyſbe. Wings denticulate fulvous ſpotted with black; lower-ones beneath ſtriate with black and ſpotted with gold.
Inhabits *Africa*.

Nais. Wings indented, the baſe ſilvery with gold ſtreaks.
Inhabits the *Cape of good hope*. *Cramer.* 4. *tab.* 47. *fig.* D. E.
Wings with gold dots at the tip, upper-pair brown, lower-ones fulvous. Beneath the upper-pair fulvous with gold dots annulate with black, lower-ones brown with gold ſpots.

Meleager. Wings indented, blue with a black border; beneath grey with black ocellar dots.
Inhabits *Germany*. *Eſp. tab.* 45. *fig.* 2. *tab.* 62. *fig.* 1.
Female with white lunules and black dots on the border.

Epulus. Wings entire brown with fulvous ſpots; beneath variegated.
Inhabits *Surinam* *Cramer.* 5. *tab.* 50. *fig.* C, D.
Lower-wings with a ſtreak of black ſpots and black ſtreaks; all beneath variegated with brown ferruginous and white.

* *Arion.* Wings above blue edged with brown and ſpotted with black; beneath grey with numerous ſmall eyes.
Inhabits *Europe.* *Donovan.* vi. *tab.* 184. *Lewin. tab.* 37.
Male with a ſingle black ſpot on the upper-wings and a row of marginal ones on the lower: *female* with 5 or 6 on the upper-pair and a few on the diſk of the lower beſides the row of marginal ones.

Erebus. Wings entire brown; all with a ſtreak of ocellate dots beneath.
Inhabits *Germany.* *Ernſt. Inſ. Eur.* 1. *tab.* 40 *fig.* 86.
Antennæ annulate with white and black.

Alcon. Wings entire blue edged with brown; beneath grey-brown with numerous eyes.
Inhabits *Auſtria.* *Eſp. Pap. tab.* 34. *fig.* 4, 5.
Male with the wings entirely blue, the edge brown fringed with white: *female* with a few darker ſpots.

Damon. Wings entire blue; beneath grey-brown with numerous dots and a white band on the lower-ones.
Inhabits *Europe.* *Eſp. tab.* 33: *fig.* 5. *Ernſt. tab.* 42. *fig.* 87.
Upper-wings edged with brown and a brown lunule in the middle: *lower-ones* radiate with brown at the margin: *female* entirely brown on the wings above.
Larva dull green with a lateral darker line, head black.

Cyllarus. Wings entire blue edged with black; beneath grey-brown with a ſtreak of ocellate dots, the hind-ones blue at the baſe.
Inhabits *Europe.* *Eſp. tab.* 33. *fig.* 1, 2. *Roeſ. tab.* 37. *fig.* 4.
Wings of the *female* brown with a blue gloſs.
Larva pale with a rufous dorſal ſtreak and oblique green lateral lines, head black: *pupa* brown ſpotted with black.

* *Argiolus.* Wiugs entire blue edged with black; beneath blueiſh-grey ſpotted with black.
Inhabits *Europe.* *Lewin. tab.* 36. *fig.* 4,5,6.
Baſe of the *lower-wings* beneath the ſame colour.

Alc

Acis. Wings entire blue; beneath grey-blue with oblong black ſimple dots.
Inhabits *Auſtria*. *Eſp. Pap tab.* 40, *fig.* 3.
Wings of the *male* blue with a marginal black ſtreak only; of the *female* blue on the diſk only with a black lunule.
This ſpecies is rarely found with tails.

* *Alſus.* Wings entire brown immaculate; beneath cinereous with a ſtreak of ocellate dots.
Inhabits *Europe*. *Lewin. tab.* 39. *fig.* 3, 4.
Upper-wings beneath with a black lunule in the middle and a ſtreak of 7 black dots, all ſurrounded with a white ring: *lower-ones* beneath with 8 or 9 black dots.

Cajus. Wings entire brown with a blueiſh diſk; beneath varied cinereous and white with brown ocellar dots.
Inhabits *India*. *Cramer. tab.* 319. *fig.* D, E.

Otis. Wings entire brown with a blue baſe; beneath cinereous with a dot in the middle and ſtreak on the upper-pair, and numerous ocellar dots on the lower-ones.
Inhabits *China*; ſmall.
Antennae annulate with white and black.

* *Argus.* Wings entire; lower-ones beneath with a ferruginous border and ſilvery blue eyes.
Inhabits *Europe*. *Donovan. tab.* 143. *Lewin. tab.* 39. *fig.* 5,6,7.
Male above blue edged with black: *female* dark brown with a blue baſe above.
Larva green with a brown dorſal line, head and fore-legs black.

* *Hyacinthus.* Wings entire blue; lower-wings beneath with a marginal row of red eyes and a circle of black ones on the diſk.
Inhabits *England*. *Lewin. tab.* 37. *fig.* 4, 5, 6.
Male above fine blue immaculate: *female* above blue with darker tips, a black dot on the upper-pair and a marginal row of red eyes on the lower-ones.

* *Artaxerxes.* Wings entire brown; upper-pair with a white dot in the middle, lower-ones with rufous marginal lunules; beneath with rufous and white dots on the margin.
Inhabits *England*. *Lewin. tab* 39. *fig.* 8, 9.
Wings beneath cinereous, the hind-margin white with a row of yellow or rufous dots, upper-pair with a white dot in the middle, lower-ones with many.

* *Titus.* Wings entire brown immaculate; lower-ones ocellate beneath and a macular fulvous ſtreak behind.

Inhabits *England. Jones. Fig. pict.* 6. *tab.* 44. *fig.* 2.

Upper-wings beneath with a ſtreak of black and white lines behind: *lower-wings* beneath with a black line in the middle and ſtreak of black dots annulate with white, towards the margin are rufous ſpots with each a black dot.

Optilete. Wings entire blueiſh with a blackiſh edge; lower-ones beneath cinereous with ocellar black dots and 2 fulvous lunules.

Inhabits *Ruſſia. Eſp. pap. tab.* 79. *fig.* 4. 5.

Upper-wings beneath with a black dot in the middle and a ſtreak of ocellate ones behind.

Triton. Wings entire blueiſh; beneath a ferruginous ſtreak and numerous black dots.

Inhabits *Ruſſia.* Middle-ſized.

All the *wings* with a thin marginal black ſtreak above: *upper-wings* beneath with a ſtreak of ferruginous lunules before the tip.

* *Corydon.* Wings entire blue (brown) edged with black; beneath cinereous with black ocellar dots, lower-ones with a central white ſpot.

Inhabits *Europe. Donovan t.* 236. *f.* 1. 2. *Lewin. t.* 36. *f.* 1. 2.

Male with pale blue wings above, the margin brown and ſpotted on the lower-ones: *female* with brown wings, blueiſh near the inner margin, and a black lunule in the middle.

* *Adonis.* Wings entire blue with a black marginal ſtreak; beneath cinereous with numerous ocellar dots and a white central one on the lower-ones.

Inhabits *Europe. Lewin tab.* 38. *fig.* 1. 2. 3.

Female brown with a blue gloſs, upper-pair with a black central line, lower-ones with marginal rufous eyes.

Larva green with lines of fulvous ſpots.

Dorylas. Wings entire blue (brown); beneath cinereous with a dot in the middle of the upper-pair and ſtreak of ocellar dots behind.

Inhabits *Auſtria. Wien. Verz.* 322. 19.

Male above blue with a black marginal ſtreak: *female* brown with marginal fulvous lunules: *lower-wings* beneath with a dot at the baſe, a curved ſtreak of ocellar dots and a white wedge-ſhaped ſpot in the middle.

Hyllus.

Hylus. Wings entire with a black lunule in the middle and marginal dots; beneath cinereous with ocellar dots.
Inhabits *Auſtria. Eſp. pap. tab.* 53 *fig.* 1.
Lower-wings beneath with a band of ferruginous lunules: all the *wings* above blue, the female darker.

Battus. Wings entire blackiſh-blue; beneath whitiſh with numerous black dots, lower-ones with a continued fulvous band.
Inhabits *Germany. Eſp. pap. tab.* 41. *fig.* 2.
Upper-wings with a blue lunule in the middle, the margin ſpotted with white: beneath whitiſh.
Larva green with a violet dorſal line: *pupa* brown, greeniſh on the fore-part.

Argiades. Wings entire blue with a brown edge; beneath grey-brown with a lunule in the middle and 2 ſtreaks of ocellate dots.
Inhabits *Saxony.*
Lower-wings beneath with 2 ocellate dots at the baſe.

Amphion. Wings entire blue edged with black; beneath cinereous ocellate with black; lower-ones with red lunules marked before with a white lunule behind with a black-gold dot.
Inhabits *Germany.*

Acreon. Wings entire brown; beneath paler with black ocellate dots; lower-ones with a white and red band and ſtreak of gold dots.
Inhabits *Ruſſia.*
Male blue at the baſe with marginal fulvous obſolete lunules: *upper-wings* beneath with a dot in the middle and ſtreak of ocellate dots behind, the margin with white black and fulvous lunules and ſtreaked with white and black: *lower-wings* beneath with a white margin on which is a fulvous band marked on the fore-part with black lunules behind with gold dots.

Hebrus. Wings entire brown varied with blue; lower-ones blue with a white inner margin.
Inhabits *Surinam. Cramer* 5. *tab* 50. *fig.* E. F.

Avius Wings entire, both ſurfaces alike, brown with 2 blue ſtreaks at the tip.
Inhabits *Weſt India. Cramer* 8. *tab.* 9. *fig.* B.

Acanthus.

Acanthus. Wings entire brown immaculate; beneath pale ferruginous with blue bands and yellow border.
Inhabits *Surinam.* *Cramer* 32. *tab.* 380. *fig.* K. L.
Antennae annulate with white, the club brown: *wings* beneath with 4 common blue bands.

Coeus. Wings entire black with blue waves, the margin dotted with white.
Inhabits *Surinam.* *Cramer.* 13. *tab.* 156. *fig.* F.

Erinus. Wings entire brown; beneath cinereous with a double black dot on the hind-angle of the lower-ones.
Inhabits *New Holland.* Muſeum of *Sr. Joſ. Banks.*
Antennae annulate with white and black, the club brown: *wings* ſpeckled with brown beneath.

Icarus. Wings entire; above with brown bands, beneath with alternate white and black bands.
Inhabits *Surinam.* *Cramer* 2 *tab.* 22. *fig.* G. H.
Wings with 4 bands above and a dot between the firſt and ſecond.

Parſimon. Wings entire brown; beneath cinereous with white waves; lower-ones with ocellar black dots at the baſe and eye at the tip.
Inhabits *Africa.* In the muſeum of Sir. *Joſ. Banks.*
Antennae annulate with white, the club brown: *wings* beneath with a kidney-ſhaped ſpot in the middle and whitiſh bands behind, lower-ones with 5 black dots annulate with white at the baſe and a black ege at the angle of the tail with a rufous ring on the fore-part and a gold one behind.

Damoetes. Wings entire brown; beneath with cinereous waves, lower-ones with a double gilt eye.
Inhabits *New Holland.* In the Muſeum of Sir *Joſ. Banks.*
Angle of the tail beneath with 2 black eyes annulate on the fore-part with yellow behind with gold.

Ceraunus. Wings entire brown with a blue gloſs; beneath cinereous lower-ones with ocellar black dots at the baſe and an eye and dot at the tip.
Inhabits *South American Iſlands.*
Lower-wings above with marginal black dots. Beneath the upper pair waved with white at the tip; lower-ones with a black eye at the tip the iris fulvous, at the angle of the tail a black dot.

Catilina.

Catilina. Wings entire brown with a blue glofs; beneath with white bands and 2 blue eyes at the angle of the tail.
Inhabits *South American Iſlands.*
Antennae annulate with white and black, the club black tipt with white: *body* blueiſh: the *eyes* at the angle of the tail half blue half black.

Minereus. Wings entire brown; lower-ones beneath with ocellar red dots and an eye at the angle of the tail.
Inhabits *America*; ſmall.
Antennae brown annulate with white, the club rufous at the tip: *lower-wings* with ocellar black dots at the margin above. Beneath cinereous, upper-pair ſpotted at the tip, lower-ones with red dots annulate with white and an eye at the angle of the tail with a fulvous ring.

Hylax. Wings entire, above brown immaculate, beneath cinereous dotted with black.
Inhabits *Eaſt Iudia*: very minute.
Antennae annulate with brown and white.

Telephus. Wings entire black, upper-pair dotted with white; lower-ones above rufous at the baſe, beneath blue varied with black.
Inhabits *America*; ſmall.

Emylius. Wings entire black dotted with white, upper-pair with a yellow band; all beneath variegated.
Inhabits *Surinam. Cramer.* 6. *tab.* 66. *fig.* G. H.
All the *wings* beneath yellowiſh varied with black.

Caricae. Wings entire brown with a common white diſk, the border cinereous ſubocellate.
Inhabits *America. Cramer.* 15. *tab.* 170. *fig.* E.

Pelops. Wings entire white with a common brown border on which are fulvous ſpots and a ſtreak behind.
Inhabits *Cayenne. Cramer* 15. *tab.* 170. *fig.* F.

Lamis. Wings entire brown with a common abbreviated white and fulvous band.
Inhabits *Cayenne. Cram.* 28. *tab.* 335. *fig.* F. G.
All the *wings* with a broad white band in the middle and fulvous one behind, the margin with white lunules.

Cachrys.

Cachrys. Wings entire yellowiſh with a common brown border ſpotted with white.
Inhabits *Cayenne.*

Lagus. Wings entire blue with a double white ſpot on the upper-pair, beneath cinereous with black lines.
Inhabits *Surinam. Cramer* 10. *tab.* 117. *fig.* F, G.
Upper-ſurface of the *wings* with a black border.

Maecenas. Wings oblong, both ſurfaces alike, black with a common red band and line on the upper-pair.
Inhabits *Guadeloupe* : ſmall.

Mantus. Wings oblong entire, variegated blue and brown with a common white band.
Inhabits *Africa. Cram.* 4. *tab.* 74. *fig.* F. G.
Wings beneath brown variegated with white.

Midas. Wings ſubangular brown with a whitiſh ſpot; beneath white at the baſe with a rufous ſtreak.
Inhabits *India.*
Upper-wings with 2 whitiſh ſpots above, lower-ones with one: *lower-wings* beneath with a broad white baſe, the tip brown with a ferruginous ſtreak in which are a few black dots.

Bibulus. Wings entire brown; beneath white with a ſilvery band dotted with brown on the lower-pair.
Inhabits *India. Jones Fig. pict.* 6. *tab.* 39. *fig.* 2.
Upper-wings with a cinereous patch in the middle; beneath a few brown dots at the tip with ſilvery rings, the margin with a ſilvery ſtreak.

Æſopus. Wings entire; above brown with a white ſpot, beneath white immaculate.
Inhabits *India. Drury Inſ.* 2. *tab.* 9, *fig.* 3. 4.

Phaedrus. Wings entire fulvous with a brown margin; beneath white immaculate.
Inhabits *India. Cramer.* 20. *tab.* 238. *fig. C.*

Bias Wings entire black with a blue gloſs; beneath brown with a white hind-margin.
Inhabits *Cayenne.*

Phaeus. Wings entire, both ſurfaces nearly alike, red with a black border.
Inhabits *Surinam. Cramer.* 15. *tab.* 17. *fig.* 6.

Facilis

Tacitus. Wings entire fulvous, outer-margin of the upper-pair black ſpotted with yellow.
Inhabits *Surinam.* *Jones Fig. pict.* 6. *tab.* 46. *fig.* 3.
All the *wings* fulvous with a fine black border.

Cænus. Wings entire white, outer-margin of the upper-pair brown ſpotted with white.
Inhabits *India.* *Jones Fig. pict.* 6. *tab.* 55. *fig.* 2.
Upper-wings with an oblong blue ſpot at the baſe and rufous rib, the tip with 2 white ſpots, beneath a broad ferruginous outer margin with 2 tranſverſe white ſpots.

Procas. Wings entire, both ſurfaces alike, black with yellow diſk, on the upper-pair a yellow ſpot.
Inhabits *Surinam.* *Jones Fig. pict.* 6. *tab.* 55. *fig.* 1.

Alphonſus. Wings entire black; upper-pair with 2 yellow ſpots, lower-ones with a ſingle one at the baſe.
Inhabits *Surinam.*
Upper-wings with a large tranſverſe yellow ſpot at the baſe and tip.

**Hippothoe* Wings entire orange edged with black and white; beneath cinereous with numerous black ocellar dots.
Inhabits *Europe.* *Donovan* vii. *tab.* 217. *Lewin. tab.* 40.
Male with a black lunule and ſpot on the upper-wings and lunule on the lower-ones: *female* with numerous black dots on the upper-pair and a broad black baſe on the lower-ones.

**Virgaureæ* Wings ſubangular fulvous edged with black; beneath with black and white dots
Inhabits *Europe.* *Donovan* v. *tab.* 173. *Lewin tab* 41.
Lower-wings notched at the hind-margin: *female* with black ſpots above.
Larva green with a yellowiſh dorſal line and a paler lateral one, the head black.

Chryſeis. Wings gold with a blueiſh margin; lower-ones ſlightly indented, beneath dull grey with numerous ocellar dots.
Inhabits *Auſtria.* *Naturf.* 6. *tab.* 28. *fig.* 18.
Male with ſhining gold wings with a black lunule and blue margin edged with white; upper-wings beneath with a fulvous diſk and numerous dots: *female* above brown with a fulvous gloſs, upper-pair with a few darker dots, lower-ones with a band dotted with black: beneath like the male.

Saluſtius. Wings entire fulvous varied with black: upper-pair beneath dotted with black, lower-ones cinereous with brown ſpots.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 59. *fig.* 1.

Florus. Wings entire, fulvous edged with black; the baſe beneath dotted with black.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 59. *fig.* 3.
Body fulvous: *upper-wings* with 2 brown dots.

Hiere. Wings brown dotted with black; beneath cinereous with numerous ocellar dots.
Inhabits *Auſtria*. *Wien. Verz.* 328. 8.
Male with browniſh wings, upper-pair with a blue, lower-ones with a fulvous gloſs: *female* brown dotted with black with a fulvous band dotted with black on the lower-ones and behind this a few blue lunules.

**Phlaeas* Wings entire fulvous dotted with black; beneath blueiſh.
Inhabits *Europe*. *Lewin tab.* 41. *Merian tab.* 164.
Lower-wings with a ſmall angle behind.

Arcas. Wings entire fulvous with black margin and dots; lower-ones beneath grey immaculate.
Inhabits the *Cape of good hope*.
Upper-wings with 2 black dots in the middle and a ſtreak of 5, 6 behind, beneath 3 ſubocellar ones at the baſe: *lower-wings* with a ſtreak of black dots on the male, the female immaculate, beneath grey.

Ballus. Wings entire fulvous (female brown) with a brown margin; lower-ſurface of the upper-pair dotted with black, of the lower-ones green edged with brown.
Inhabits *Spain*. *Body* brown.

Helle. Wings entire duſky with a blue gloſs; all beneath with numerous ocellar dots.
Inhabits *Germany*. *Eſp. pap. tab.* 58. *fig.* 4,
Wings with a few fulvous lunules at the tip; lower-ones beneath with a fulvous band near the tip.

Xanthe. Wings nearly entire brown with black dots and a marginal fulvous band; beneath yellowiſh with numerous dots.

Inhabits

Inhabits *Russia*. *Wien Verz.* 181. 6.
Wings beneath greenish with numerous ocellar black dots, upper-pair with a fulvous disk, lower-ones with a fulvous band.

Garbas. Wings brown dotted with black and edged with white; beneath greenish with numerous dots.
Inhabits *Austria*. *Wien. Verz.* 181. 7.
This is probably the other sex of the last.

Thersamon Wings slightly tailed fulvous with numerous ocellar dots beneath; upper-pair beneath fulvous, lower-ones cinereous.
Inhabits *Russia*. *Esp. pap. tab.* 89. *fig.* 6.
Male upper-wings fulvous edged with black, lower-ones darker with a fulvous band behind. Beneath upper-pair with 3 black dots and a streak of ocellar ones, lower-ones cinereous with numerous ocellar dots and a fulvous band behind: *female* wings above dotted with black, the tail very long.

Lucianus Wings entire dotted with black; above fulvous, beneath cinereous.
Inhabits *Guadeloupe*.
Body brown; *abdomen* fulvous: *antennae* black with silvery rings, the club brown: *wings* above fulvous with brown waves and a streak of dots behind.

Pentheus Wings entire fulvous spotted with black; tip of the lower-ones white dotted with black.
Inhabits *Surinam*. *Cramer. tab.* 143. *fig.* E.
Lower-wings fulvous at the base and spotted with black, the tip with a large marginal brown spot and 4 submarginal black ones.

Ulricus. Wings entire glossy-blue; beneath pale chesnut-brown at the base, upper-pair with a tripupillate eye.
Inhabits *Surinam*. *Cramer* 9. *tab.* 100. *fig.* E. F.
Wings olive at the tip with a nut-brown band.

Thyra. Wings indented, the disk fulvous dotted with black; beneath purplish with silvery spots.
Inhabits *Guinea*.

Zeuxo. Wings entire, the disk fulvous dotted with black; upper-pair with silvery spots beneath.
Inhabits *Africa*.

Upper-wings beneath with numerous black ſpots with a ſilvery blue pupil, *lower-ones* immaculate.

Juka. Wings entire black with a fulvous diſk; beneath with a white band and abbreviated ſtreaks.
Inhabits *Sierra Leona*; ſmall.
Lower-wings with a rufous blotch at the hind-marnin, beneath 2 black dots with ſilvery ſpecks at the angle of the tail.

Lara. Wings entire ſubteſtaceous; upper-pair with one eye above, lower-ones with 2.
Inhabits *Africa*.
Eyes black with a white iris: beneath upper-pair with 2 eyes, thoſe on the lower-ones blind.

Cephus. Wings entire brown; beneath with blue bands and a ſingle eye on the upper-pair and 2 on the lower-ones.
Inhabits *India*.

Domitianus Wings entire brown, upper-pair with a green ſpot; lower-ones with a green band; beneath pale ferruginous with ſilvery dots and marginal ſtreak.
Inhabits *Guadelope*; ſmall.
Lower-wings with a green ſtreak before the margin and a ſilvery one in the margin; *upper-wings* with a ſtreak of black dots before the margin and a ſilvery one in the margin.

Livius. Wings entire black with a blue ſpot on the diſk; lower-ones beneath cinereous with rufous bands ſilvery at the edge.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 38. *fig.* 1.
Upper-wings beneath with a large oblong yellow ſpot at the baſe with a ſilvery edge, the tip yellowiſh with a broad brown band ſilvery at the edge: *lower-wings* beneath yellowiſh on the hind-margin with a ſilvery band.

Romulus. Wings entire brown; beneath green with a rufous ſpot on the lower ones
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 61. *fig.* 4.

Actoris. Wings entire; both ſurfaces alike, brown dotted with white.
Inhabits *Surinam*. *Cramer* 8. *tab.* 93. *fig.* D.

Caſſius. Wings entire; above white with a brown border on the upper-pair and 5 white dots on the hind-margin of the lower-ones.

Inhabits

Inhabits *Surinam.* *Cramer.* 2. *tab.* 20. *fig.* C, D.
Upper wings with a brown border and 2 ſpots on the diſk; beneath all white dotted with black.

Iſarchus. Wings entire blue with a white band on the lower-ones; beneath varied with white and black.
Inhabits *America.* *Cramer. tab.* 300. *Jones* 6. *tab.* 34. *fig.* 1.
Wings beneath cinereous at the tip with black dots.

Caractacus. Wings entire brown with a white ſpot on the diſk; beneath variegated, a brown band with a ſilvery edge on the lower-ones.
Inhabits *America.* P. Laches. *Jones* 6. *tab.* 34. *fig.* 2.
Upper-wings beneath brown at the baſe with a white line, the middle white with 2 black and 2 ſilvery dots annulate with brown, the margin brown with ſilvery dots: *lower-wings* beneath cinereous at the baſe with 2 marginal ſilvery dots annulate with brown and a ſingle black one, in the middle a waved band, then white, the tip cinereous with ſilvery dots.

Ouranus. Wings entire both ſurfaces alike, black with a common white band ending in a red ſpot behind.
Inhabits *Surinam.* *Cramer. tab.* 335. *Jones* 6. *tab.* 55. *fig.* 4.

Haraldus. Wings entire blue with a black border; beneath white, the margin dotted with black.
Inhabits *Eaſt India.*
Antennæ black annulate with white: *wings* beneath white with a ſtreak of black lunules towards the margin, then larger lunules with a black dot.

Talus. Wings entire with brown and blue bands, and an abbreviated red band beneath.
Inhabits *Surinam.* *Cramer.* 1. *tab.* 7. *fig.* C, D.

Eleus. Wings entire, both ſurfaces alike, black; upper-pair with 10 white dots, lower-ones with a white diſk.
Inhabits *India.* *Clerk. tab.* 45. *fig.* 2. *Seba.* 4. *tab.* 3. *fig.* 11, 12.
Antennæ hooked. This properly belongs to the *urbicolæ* as having the marks lighter than the general colour of the *wings*.

Athemon. Wings entire browniſh with a common white diſk and a brown half band behind.
Inhabits *America.* *Clerk Icon. tab.* 37. *fig.* 2. *tab.* 46. *fig.* 3.

Regulus. Wings entire black with 2 yellow bands, the poſterior one on the upper-wings interrupted.
Inhabits *India.* *Jones Fig. pict.* 6. *tab.* 86. *fig.* 4.

Hiſtor.

Hiſbon. Wings entire black with 3 yellowiſh bands, the hind-one interrupted
Inhabits *India*. *Cramer*. 7. *tab*. 83. *fig*. C.

Tarquinius. Wings entire black; upper-pair with an oblong yellow ſinuate ſpot at the baſe, lower-ones yellow ſpotted with black at the angle of the tail.
Inhabits *India*. *Jones. Fig. pict*. 6. *tab*. 45. *fig*. 4.
Wings beneath cinereous with numerous reddiſh ſpots annulate with white; diſk of the upper-pair yellow ſpotted with black.

Gemellus. Wings entire yellowiſh with a brown border; beneath white with a red ſtreak in the middle and marginal lunules.
Inhabits *Cayenne*. *Jones Fig. pict*. 6. *tab*. 36. *fig*. 2.

Ptolomæus. Wings entire ferruginous with brown ſtreaks; beneath blue, paler at the baſe.
Inhabits *India*. *Jones Fig. pict*. 6. *tab*. 36. *fig*. 3.
Body brown with dorſal ferruginous dots.

Archimedes Wings entire black with a blue diſk; beneath brown immaculate.
Inhabits *India*. *Jones Fig. pict*. 6. *tab*. 36. *fig*. 4.

Lucius. Wings entire, both ſurfaces nearly alike, fulvous with black waves.
Inhabits *India*. *Jones Fig. pict*. 6. *tab*. 39. *fig*. 1.
Wings a little blueiſh at the baſe beneath.

Ovidius. Wings entire dotted with gold; above fulvous, beneath yellowiſh.
Inhabits *India*. *Cramer*. *tab*. 271. *Jones* 6. *tab*. 39. *fig*. 4.
Margin of the *wings* dotted with brown.

Suetonius. Wings entire yellow with a brown border; under-ſurface of the upper-pair with ſilvery black dots, of the lower-pair cinereous.
Inhabits *India*. *Jones Fig. pict*. 6. *tab*. 85. *fig*. 3
Lower-wings beneath cinereous ſpotted with brown.

Electron. Wings entire, both ſurfaces alike, black with a yellow band and ſanguineous dot at the tip.
Inhabits *Cayenne*.
All the *wings* with a yellow band; at the baſe a large red dot.

Sagaris.

Sagaris. Wings entire black with a common tranſverſe fulvous ſpot.
Inhabits *Surinam*. *Cramer*. 7. *tab*. 83. *fig*. D.
Wings beneath immaculate.

Euriteus. Wings entire black with a blue ſpot; beneath rufous in the middle with white bands.
Inhabits *Surinam*. *Cramer*. 13. *tab*. 152. *fig*. D, E.
All the *wings* beneath yellow at the baſe, then rufous with 3 white bands; lower-ones yellow at the tip with a divided black and white ſpot.

Phereclus. Wings entire, both ſurfaces alike black; upper-pair with a linear red band.
Inhabits *America*. *Cramer*. 15. *tab*. 178. *fig*. D.

Lyſippus. Wings angular brown, all of them with a red ſtreak, beneath with cinereous dots.
Inhabits *America*. *Clerk*. *tab*. 22. *fig*. 2. *Drury* 1. *t*. 2. *f*. 3.

Æmulius. Wings entire cinerous ſpotted with brown and white, the lower-ones pale above: beneath all dotted with brown.
Inhabits *India*. *Jones Fig. pict*. 6. *tab*. 4. *fig*. 4.
Some of the brown ſpots on the lower-ſurface of the *upper-wings* ſurrounded with a white ring.

Geminus. Wings rounded blue, with a black border in which is a blue ſtreak; lower-ones beneath ſubfaſciate with brown.
Inhabits *America*. *Jones Fig. pict*. 6. *tab*. 35. *fig*. 2.
Upper-wings with a black band at the tip, beneath blue with a brown ſtreak and tip: *lower-ones* with a black ſpot at the baſe, beneath with numerous brown bands.

Lucanus. Wings entire black with a yellow diſk; lower-ones beneath red with ſquare brown ſpots,
Inhabits *India*. *Jones Fig. pict*. 6. *tab*. 36. *fig*. 3.
Upper wings beneath yellowiſh with ſquare brown ſpots on the diſk and brown hind-margin: *lower-ones* beneath red ſpeckled with yellow and with a few ſquare brown ſpots.

Perditus. Wings entire, both ſurfaces alike, black with a fulvous band.
Inhabits *Cayenne*. *Drury Inſ*. 3. *tab*. 8. *fig*. 2.

Pyramis. Wings entire brown with a blue gloſs and a fulvous band; lower-ones beneath grey.

Inhabits

Inhabits *Cayenne*. In the muſeum of Mr *Yeats*.
Lower-wings beneath varied with cinereous and brown.

Priaſſus. Wings entire both ſurfaces alike, black; upper-pair with a double fulvous band.
Inhabits *India*.
The 2 bands are united by a ſmall fulvous ſpot: *lower-wings* black immaculate.

Thucydides. Wings entire black with a fulvous ſpot on the diſk; beneath cinereous with rufous waves.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 6. *fig.* 4.

Virgilius. Wings entire black with a blue thinner margin; beneath grey with 3 whitiſh lunules including a black dot on the lower-ones.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 37. *fig.* 3.
Blue margin of the *upper-wings* with a black ſpot, of the *lower-ones* with marginal black dots.

Petronius. Wings entire blue ſtreaked with black; beneath brown-cinereous dotted with black.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 37. *fig.* 4.

Numitor. Wings entire brown with a yellow diſk on the lower-ones; beneath yellow immaculate.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 40. *fig.* 2.
Upper-wings beneath brown with a yellow border.

Philiajus. Wings entire brown, ſpotted beneath; lower-ones with 2 eyes above on the hind-part and one beneath.
Inhabits *Africa*.

Gyas. Wings entire brown; beneath fulvous with punctured gold ſtreaks.
Inhabits *Surinam*. *Cramer.* 3. *tab.* 28. *fig.* F, G.

Ægon. Wings entire brown with numerous macular fulvous bands.
Inhabits *Jamaica*: very minute.
Lower-wings beneath pale cinereous.

Heſperia. Urbicolæ.

Exclamationis. Wings entire divaricate brown; upper-pair with a yellow line and dots under it.
Inhabits *India*. *Body* entirely brown.

* *Cauda*

*Comma. Wings entire divaricate fulvous with a black line on the upper-pair; beneath ſpotted with white.
Inhabits *Europe*. *Donovan.* ix. *tab.* 295. *Lewin. tab.* 45. *fig.* 1,2.
The other *ſex* is without the black line.
Larva ſhining red with a black head and white ſtreak on the collar: *pupa* long cylindrical.

Propertius. Wings divaricate black ſpotted with yellow; lower-ones beneath with alternate rufous and yellow bands.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 73. *fig.* 1.
Antennæ hooked: *upper-wings* with 2 marginal lines and yellow ſpots at the baſe, beneath varied with black yellow and rufous: *lower-wings* with a yellow band above.

Tibullus. Wings entire; upper-pair black ſpotted with yellow, lower-ones yellow with a black border.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 76. *fig.* 1.
Lower-wings beneath variegated.

Linea. Wings entire divaricate fulvous edged with black.
Inhabits *Auſtria* *Eſp. Pap. tab.* 36. *fig* 2, 3.
Antennæ above black, beneath yellowiſh: *wings* with a ſmall black line in the middle and whitiſh fringe: *female* without the line on the upper wings.
Larva ſolitary green immaculate: *pupa* green, incloſed in a very thin follicle.

*Sylvanus. Wings divaricate dark orange with ſquare yellow ſpots above and whitiſh ones beneath.
Inhabits *Europe*. *Donovan.* viii. *tab* 254. *fig.* 2. *Lewin. t.* 45 *f.* 1,2,3.
The *male* has an oblique black ſtripe on the upper wings.

*Thaumas Wings divaricate orange with a darker patch at the baſe; upper-pair (in the male) with a black line in the middle.
Inhabits *Europe* and *America*. *Lewin. tab.* 45. *fig.* 5,6,7.

Otho. Wings divaricate brown with fulvous ſpots at the baſe and nearly ſquare yellow ones each ſide on the diſk.
Inhabits *America*. *Smith's Lepidop. Inſ. of Georgia.*

Augias. Wings divaricate fulvous with an oblique black band and hind-margin.
Inhabits *India*. *Antennæ* mucronate.

Vitellius. Wings divaricate fulvous; upper-pair with a brown margin and ſpot in the middle, lower-ones with a brown border.
Inhabits *South American Iſlands.*
Antennæ annulate, the club brown: all the *wings* beneath fulvous immaculate.

Colon. Wings divaricate fulvous with a brown ſtriate margin and ſpot in the middle.
Inhabits *India.*
Antennæ annulate with black and fulvous, the club hooked fulvous at the baſe and tipt with black: *wings* beneath fulvous immaculate.

* *Paniſcus.* Wings entire divaricate, dark brown with fulvous ſpots.
Inhabits *Europe. Donovan's Eng. Inſ.* viii. *tab.* 254. *fig.* 1.
Upper-wings ſometimes brown with fulvous ſpots, ſometimes fulvous with brown ſpots: *lower-wings* with yellow ſpots beneath.

Helirius. Wings entire divaricate brown edged with black; upper-pair with a central yellow dot.
Inhabits *Surinam. Cramer.* 5. *tab.* 60. *fig.* C.
Antennæ hooked.

Saturnus. Wings divaricate brown; upper-pair dottedwith white; lower-ones ſtriate beneath with white,
Inhabits *Cayenne.*

Origenes. Wings divaricate, both ſurfaces alike, brown with a ſtreak of white dots; upper-pair teſtaceous at the baſe.
Inhabits *India. Jones Fig. pict,* 6. *tab.* 74. *fig.* 2.

Noſtrodamus, Wings divaricate brown; upper-pair with a macular whitiſh band above; lower-ones cinereous beneath.
Inhabits *Barbary.*
Club of the *antennae* ferruginous; *body* above brown, beneath cinereous: *lower-wings* above brown immaculate.

Phineus. Wings ſubangular divaricate brown with an interrupted yellow band on the upper-pair.
Inhabits *Surinam. Cramer.* 15. *tab.* 176. *fig.* E.
Antennæ hooked; *abdomen* black with yellow belts.

Helia-

Helius. Wings ſubdivaricate brown; lower-ones fulvous at the inner-margin.
Inhabits *Surinam*. *Cramer*. 17. *tab*. 189. *fig*. B.
Lower-wings with a large ovate fulvous ſpot at the inner-margin

Metis. Wings entire brown with ſcattered fulvous ſpots; lower-ones beneath immaculate.
Inhabits the *Cape of good hope*. *Cramer*. 14. *tab*. 162, *fig*. G.

Dioſcorides. Wings entire brown ſpotted with yellow; lower-ones beneath yellow with brown waves.
Inhabits *Tranquebar*.
Upper-wings beneath fulvous, the diſk brown ſpotted with yellow.

Plutargus. Wings entire brown ſpeckled with gold; upper-pair with a teſtaceous ſpot at the tip above and teſtaceous outer-margin beneath.
Inhabits *India*. *Jones Fig. pict*. 6. *tab*. 75. *fig*. 1.

Pictetus. Wings entire black with a yellow diſk; upper-pair with a brown ſpot including a yellow lunule; lower-ones beneath yellow immaculate.
Inhabits *India*. *Jones Fig. pict*. 6. *tab*. 75. *fig*. 3;

Silenus. Wings tailed brown; beneath pale cheſnut with a yellowiſh ſtreak.
Inhabits *Africa*. In the muſeum of Sir. *Joſ Banks*.
Wings with a blue ſpot at the baſe, the tail filiform and nearly as long as the wings.

Orion. Wings tailed brown; upper-pair with ſemitranſparent ſpots; lower-ones with white tails.
Inhabits *Surinam*. *Cramer*. 13. *tab*. 155. *fig*. A, B.

Eudoxus. Wings tailed brown; upper-pair with a white band each ſide, lower-ones on the under-ſurface only.
Inhabits *Surinam*. *Cramer*. 31. *tab*. 366. *fig*. G, H.
Wings tailed and greeniſh at the baſe.

Proteus. Wings tailed brown with tranſparent ſpots; antennæ hooked.
Inhabits *America*. *Merian Surinam*. *tab*. 63. *fig*. 2.
The ſpots on the wings vary in number and colour.
Larva glabrous green with a black dorſal line and yellow ſides neck black: *pupa* brown.

Chemnis. Wings ſlightly tailed brown with hyaline ſpots and yellow hind-margin.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 86. *fig.* 2.
Antennae hooked: *body* dull ferruginous.

Tityrus. Wings ſlightly tailed brown; upper-pair with a yellow band each ſide; lower-ones with a ſilvery ſtreak beneath.
Inhabits *America*. *Cramer* 4. *tab.* 41 E, F.
Antennae black hooked: *upper-wings* with a yellow ſpot or 2 at the tip.

Muretus. Wings ſlightly tailed brown with hyaline ſpots.
Inhabits *India*. *Jones Fig pict.* 6 *tab.* 88 *f* 1
Body ferruginous; baſe of the *wings* a little ferruginous.

Mcatus. Wings ſlightly tailed black; upper-pair with hyaline ſpots; lower-ones beneath brown with a white band at the baſe.
Inhabits *India*. *Cram. tab.* 176. *f* D. *Jones* 6. *tab.* 87. *f.* D
Antennae hooked: *upper-wings* with a white band beneath.

Epitus. Wings ſlightly tailed brown ſpotted with yellow; lower-ones beneath with a ſilvery band.
Inhabits *Surinam*. *Cramer* 29. *tab* 343. E. F.
Reſembles P. Tityrus, but the wings are leſs tailed and the ſilvery band much broader.

Lycidas. Wings ſlightly-tailed brown with black teeth; upper-pair with a yellow band each ſide; lower-ones beneath clouded with brown at the baſe and afterwards white.
Inhabits *America*. *Smith's Lepidopt. Inſ. of. Georgia.*

Nicias. Wings ſlightly tailed fulvous; upper-pair brown at the tip with a yellow hyaline ſpot.
Inhabits *Cayenne*.
Body fulvous: *antennae* hooked black: *upper-wings* fulvous at the baſe with a brown dot: *lower-wings* fulvous with brown dots.

Mercurius. Wings ſlightly tailed brown, yellow at the baſe with hyaline dots on the upper-pair; lower-ones beneath black with a cinereous band.
Inhabits *Cayenne*. *Cram. tab.* 260. *Jones* 6, *t.* 85. *f.* 2.
Body yellowiſh: *abdomen* black, the edges of the ſegments white.
Thyrſis

Thyrſis. Wings ſlightly tailed brown with a yellow band on the upper-pair; beneath all of them purple ſpeckled with yellow.
Inhabits *America*. *Cram.* 2. *tab.* 18. F.?
Upper wings with 3 ſmall yellow dots at the tip, beneath the ſame.

Alphacus. Wings ſlightly tailed black with a red band; beneath variegated.
Inhabits the *Cape of good hope*. *Cram.* 16. *t.* 182. *fig.* E. F.
Red band on the *upper-wings* abbreviated.

Pretus. Wings ſlightly tailed black ſpotted with green; beneath ſubferruginous ſpotted with yellow.
Inhabits the *Cape*. *Cram.* 16. *tab.* 182. *f.* C. D.

Phocas. Wings ſlightly tailed brown with diaphanous ſpots; lower ones beneath with a black dot at the baſe.
Inhabits *America*. *Cram.* 14. *tab.* 162. *fig.* F.
Antennæ hooked, ferruginous at the tip: *lower-wings* beneath glaucous with 3 darker bands and a black dot at the baſe.

Momus. Wings ſlightly tailed brown with hyaline ſtreaks at the baſe and ſpots at the tip
Inhabits *Cayenne*. *Cram. tab.* 366. *Jones* 6. *t.* 90. *f.* 1.
Antennæ hooked black.

Veſpaſius. Wings ſlightly tailed ruſty-brown; upper-pair with yellowiſh dots at the tip.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 86: *fig.* 1.

Rhetus. Wings ſlightly tailed fulvous; outer-margin of the lower-ones blue-black.
Inhabits *Surinam*. *Cramer* 6. *tab.* 63. *fig.* G.
Outer margin of the *upper-wings* reflected.

Clonius. Wings ſlightly-tailed black; upper-pair with a ſnowy band; lower-ones beneath blueiſh; tail ſanguineous.
Inhabits *Surinam*. *Cram.* 7. *tab.* 80. *fig.* C. D.
Wing-tails ſhort and divergent.

Acaſtus. Wings ſlightly tailed black; upper-pair with a ſnowy band; lower-ones beneath greeniſh with abbreviated yellow ſtreaks.

Inhabits

Inhabits *Surinam.* *Cram.* 10. *tab.* 111, *fig.* D. E.

Palemon. Wings ſlightly tailed blueiſh; upper-pair with a rufous dot in the middle; lower-ones rufous at the angle of the tail.

Inhabits *Surinam.* *Cram.* 11. *tab.* 131. *fig.* F.

Antennæ hooked: *feelers* and ſtreak on the hind-part of the *head* red: hind-margin of the *wings* whitiſh.

Julianus. Wings ſlightly tailed brown; upper-pair ſpotted with yellow; lower-ones beneath varied with brown and glaucous.

Inhabits *Jamaica.* Heſperia Phocion. *Fabric. n.* 274.

Antennæ hooked brown, beneath ferruginous: *body* brown, beneath ferruginous; hind-margin of the *upper-wings* white dotted with brown; margin of the *lower-wings* white dotted with brown.

Brontes. Wings ſlightly tailed, both ſurfaces alike, brown; upper-pair with a ſnowy band; lower-ones with a ſnowy margin.

Inhabits *America.* In the muſeum of *Dr. Hunter.*

Antennæ hooked: both ſurfaces of the *wings* alike.

Arinus. Wings tailed, both ſurfaces alike, black; upper-pair with a tranſverſe, ſnowy ſpot; tail ſanguineous.

Lower-wings ſubemarginate and whitiſh at the edge.

Alexis. Wings tailed brown; lower-ones with a blueiſh band beneath.

Inhabits *India.*

Antennae hooked, black.

Mithridates Wings rounded black with a purple ſpot and band behind including paler lunules.

Inhabits *India.* *Jones. Fig. pict.* 5. *tab.* 25. *fig.* 1.

Antennae hooked: *body* black with purple ſpots: *wings* beneath black with 2 macular purple bands.

Jupiter. Wings without tails black with a green gloſs, beneath green with black veins and margin: head and tail ſanguineous.

Inhabits *Africa.* *Jones Fig. pict.* 3. *tab.* 76.

Body black: *wings* ſtriate, whitiſh at the tip.

Caſſander

Caſſander. Wings without tails, both ſurfaces alike brown immaculate.
Inhabits——*Jones. Fig. pict.* 6. *tab.* 24. *fig.* 1.
Antennae hooked: reſembles P. pygmæus.

Polybius. Wings without tails black; upper-pair with a fulvous ſpot; lower-ones yellow at the angle of the tail.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 24. *fig* 2.
Hind-margin of the *wings* ſnowy.

Thrax. Wings without tails brown with a few diaphanous ſpots; antennæ hooked.
Inhabits *India*. *Cram.* 6. *t.* 68. *f.* E. *t.* 342. *f.* A. B and C.
Antennae black annulate with white: baſe of the *wings* often yellowiſh greeniſh or blueiſh.

Ennius. Wings brown; upper-pair with hyaline ſpots; lower-ones above black with a yellow diſk, beneath brown with a white diſk.
Inhabits *India*. *Jones. Fig. pict.* 6. *tab.* 89. *fig.* 1.
Antennæ hooked: *lower-wings* with marginal yellow ſpots above, beneath ſpotted with black.

Scipio. Wings without tails; upper-pair with a hyaline white band each ſide, above black, beneath green.
Inhabits *India*. *Jones. Fig. pict.* 6. *tab.* 87. *fig.* 1.
Antennae hooked: all the *wings* above black with a blueiſh baſe.

Marcus. Wings without tails brown with hyaline ſpots; lower-ones beneath with 2 yellowiſh fillets, the thinner margin fulvous.
Inhabits *Cayennae*; ſmall.
Antennae hooked. *Lower-wings* with a white thinner margin and large ſpot in the middle above.

Teſtus. Wings without tails brown; upper-pair with diaphanous ſpots; diſk of the lower-ones white dotted with black.
Inhabits *Africa*.
Antennae hooked black

Cicero. Wings rounded brown; upper-pair with white hyaline ſpots; lower-ones with a white hyaline diſk.

Inhabits.

Inhabits *Eaſt India*. *Antennae* hooked.
Margin of the *wings* ſpotted with white; *lower-ones* beneath with a brown ſpot in the white diſk.

Atticus Wings rounded; upper-pair brown with black ſpots and hyaline dots; lower-ones hyaline with black ſpots.
Inhabits *India*. *Antennae* hooked.

Clericus Wings rounded brown ſubfaſciate with black; upper-pair with hyaline dots.
Inhabits *South America*,
Upper-wings with a few hyaline ſpots behind the bands.

Lucas Wings without tails brown; upper-pair with yellow hyaline ſpots on both ſurfaces.
Inhabits *South America*, *Antennae* hooked.

Juvenalis Wings without tails brown; upper-pair ſpotted with black and dotted with white
Inhabits *America*. *Jones Fig. pict.* 6. *tab.* 78, *f.* 1,
Lower-wings with a ſubmarginal ſtreak of cinereous ſpots marked with a black dot,

Bathyllus Wings without tails brown; upper-pair with diaphanous ſquare white ſpots; lower-ones beneath with clouded waves.
Inhabits *America*, *Smith's Lepidopt. Inſ. of Georgia*.

Aecius Wings without tails brown; upper-pair with white diaphanous ſpots; all of them beneath paliſh purple at the tip.
Inhabits *America*, *Smith's Lepidopt Inſ of Georgia*,

Neptis Wings rounded black; upper-pair dotted with white; lower-ones white at the angle of the tail above and beneath with a white diſk.
Inhabits *India*, *Jones Fig. pict*, 6, *tab*, 79, *fig*, 2.
Lower-wings dotted with white: beneath white, the baſe ſpotted with brown, the tip black ſpotted with white,

Nerva Wings entire; upper-pair brown ſpotted with white: lower-ones above black immaculate.

Inhabits

Inhabits *Indïa*. *Jones Fig. pict.* 6. *tab.* 70. *fig.* 3.
All the *wings* beneath yellowiſh with black and white ſpots.

Caeſar. Wings entire; upper-pair brown with diaphanous ſpots lower-ones black with a ſnowy ſpot in the middle.
Inhabits *India*. *Jones Fig. pict.* 6 *tab.* 79. *fig* 4.
Diſk of the *lower-wings* beneath cinereous dotted with black.

Tertullianus Wings entire rounded blueiſh ſpotted with black, the upper-pair with white dots beſides.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 81. *fig* 1.
Antennae hooked: *wings* brown beneath with the ſame marks as above.

Orcus Wings rounded brown; upper-pair ſpotted with yellow; lower-ones beneath blueiſh.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 91. *fig.* 4.
Antennæ hooked: *body* brown: *lower-wings* with obſolete blue bands, beneath blueiſh edged with black.

Dan Wings without tails, dull cinereous dotted with brown, upper-pair with hyaline ſpots.
Inhabits *Tranquebar*. *Antennae* hooked.

Rotbus. Wings without tails brown: upper-pair with hyaline dots; lower-ones beneath white, the margin brown with 6 ocellar dots.
Inhabits *America*. In the muſeum of Dr. *Hunter*.
Lower-wings beneath white with 3 ſilvery-blue dots ſurrounded with a brown ring.

Silvius Wings without tails brown, the diſk yellowiſh ſpotted with brown; lower-ones beneath cinereous with brown waves.
Inhabits the *Cape of good hope*.

Salus Wings indented fulvous with black bands; upper-pair with hyaline ſpots; lower-ones hyaline in the centre.
Inhabits *Surinam*. In the muſeum of Dr. *Hunter*.
Body fulvous: *abdomen* annulate with black.

Jacchus Wings without tails ſpotted withyellow; lower-ones with 6 ſnowy dots.
Inhabits *New Holland*. Muſeum of Sir *Joſ. Banks*.
Antennae hooked, annulate with white and black: *wings* brown;

lower-ones with a yellow ſpot on the diſk above, beneath with 6 white dots of which one is in the centre and the reſt at th tip.

Gnetus. Wings indented, both ſurfaces nearly alike, black; upper-pair with 3 hyaline ſpots; lower-ones with blue bands.
Inhabits *India*. *Aubent Micell. tab.* 11. *fig.* 8. 9.
Antennae hooked: *abdomen* with black and blue belts: hind-margin of the *lower-wings* ſpotted with white.

Alſarius. Wings indented black; upper-pair with yellow and white ſpots; diſk of the lower ones yellow with black dots.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 95. *fig.* 2.
Antennae hooked: *upper-wings* with yellow ſpots at the baſe and white ones at the tip: beneath black with yellow bands at the baſe.

Anaphus. Wings entire both ſurfaces alike, brown; lower-ones yellow at the tip.
Inhabits *Surinam. Cramer* 15. *tab.* 187, F.
Antennae hooked: *abdomen* brown with yellow belts.

Sebaldus. Wings without tails, varied with brown and black; lower-ones beneath pellow at the angle of the tail.
Inhabits *America*. In the muſeum of Dr. Hunter.
Antenaae hooked: *wings* nearly truncate; beneath brown, angle of the tail yellow with a few brown dots.

Evadrus. Wings without tails brown with a yellow diſk; upper-pair with ſubocellar ſilvery dots beneath.
Inhabits the *Cape of good hope*.
Lower-wings beneath of the male varied with cinereous and brown, of the the *female* brown with cinereous dots.

Bixae. Wings rounded brown greeniſh at the baſe; lower-ones beneath with a yellow band.
Inhabits *America*. *Cramer*. 17. *tab.* 169. C, D.

Polycletus. Wings ſlightly tailed green-brown with a white ſpot on the upper-pair; beneath with fulvous ſilvery ſpots on the margin.
Inhabits *India*. *Cramer*. 13. *tab.* 159. *fig* 2.

Aracinthus.

Araciuthus Wings rounded entire brown; lower-ones beneath grey with ocellar white ſpots.
Inhabits *Auſtria*. P. Steropes. *Eſp. pap. tab.* 41. *fig.* 1.
Antennae annulate with white and black, the club ovate acute ferruginous: *upper-wings* with a ſmall yellowiſh patch at the thicker margin; beneath brown, the tip ſpotted with yellow; *lower-wings* with 12 white ſpots ſurrounded with a black ring.

Buſiris. Wings oblong entire black; upper-pair with 2 yellow ſpots and dots; lower-ones with a yellow diſk.
Inhabits *India*. *Cramer* 6. *tab.* 23. *fig.* 1.
Body black: *thorax* dotted with white: *abdomen* annulate: tip of the *upper-wings* grey: *lower-wings* fulvous with a black margin.

Piſiſtratus. Wings entire brown: lower-ones with a yellow diſk above and a ſnowy band dotted with black beneath.
Inhabits *America*. *Jones Fig. pict.* 6. *tab.* 26. *fig.* 1.
Antennæ hooked black: *wings* with a yellowiſh hue.

Hemes. Wings rounded entire black; upper-pair with a white ſpot; lower-ones with a white band.
Inhabits *Surinam*. *Cram* 9. *tab.* 103. F.
Antennae hooked: both ſurfaces of the *wings* alike.

Exmelus. Wings rounded entire black; upper-pair ſpotted with white; lower-ones fulvous with black veins.
Inhabits *Surinam*. *Cramer* 13. *tab.* 156. E.
Upper wings with a ſmall fulvous ſpot at the baſe.

Phlemon. Wings rounded entire black immaculate.
Inhabits *America*.
Antennae hooked ſpotted with white: all the *wings* ſhining-velvet-black.

Thraſibulus Wings entire black with blue lunules; lower-ones beneath at the angle of the tail cinereous dotted with brown.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 28. *fig.* 1.
Antennae hooked: *body* black.

Celſus Wings entire, both ſurfaces alike black; upper-pair with a yellow band.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 71. *fig.* 1.
Antennae hooked: *lower-wings* immaculate.

Zeleucus Wings entire, both furfaces alike, black; lower-ones edged with white: head and tail fanguineous.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 25. *fig.* 2.
Antennae hooked: *body* black, red at the end.

Maenas Wings entire gloffy-green-black edged with white; lower ones beneath with a white band: mouth and tail red.
Inhabits *America*. Muſeum of Dr. *Hunter*.
Antennae hooked: *body* green-black, red at the end.

Phidias Wings entire gloffy-black edged with white: mouth and tail red.
Inhabits *Aſia*. *Cram. tab.* 41. C, D. *tab.* 199. E.
Lower-wings beneath red before the margin.

Amiatus Wings entire black with a yellow hind-margin; head and tail red
Inhabits *America*. *Jones Fig. pict.* 6. *tab.* 26. *f.* 3.
Antennae hooked: both furfaces of the *wings* alike.

Æſculapius Wings entire black with fulvous ſpots, the margin dotted with yellow.
Inhabits America. *Jones Fig. pict.* 6. *tab.* 29. *fig.* 4.
Upper-wings beneath brown with a few yellow dots, lower-ones with a yellow patch at the baſe.

Lycagus Wings rounded entire blue-green immaculate; tail red.
Inhabits *Surinam*. *Cram.* 15. *tab.* 176. G.

Catullus Wings rounded entire black; upper-pair dotted with white; lower-ones with a ſtreak of white dots.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 80. *f.* 2.
Head white: *body* black: *lower-wings* beneath immaculate.

Jovianus Both furfaces of the wings alike, black; lower-ones radiate with blue and white.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 93. *f.* 2.
Upper-wings with 2 tranſverſe white ſpots at the tip and a nearly marginal ſtreak of blue ſpots: *lower-wings* ſtriate with blue and within the ſtriæ a few white ſpots.

Salvianus Wings entire brown ſpotted with green; lower-ones beneath white with a marginal ſtreak of brown dots.

Inhabits

Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 94. *fig.* 4.
Upper-wings beneath brown with a broad white band.

Oileus. Wings rounded entire varied with black and white; lower-ones beneath cinereous with waved black ſtreaks.
Inhabits *America*. *Cramer. tab.* 344. I, K, L.
Antennae black, the club ferruginous beneath.

Maimon. Wings entire white with black margin and ſpots.
Inhabits *Cayenne*. *Cram.* 2. *tab*, 22 *fig.* 6, ?
Antennae annulate with black and white: *abdomen* cinereous brown on the back: diſk of the *wings* white with a ſlight blue gloſs and confluent black ſpots.

Talaus. Wings entire both ſurfaces alike brown; upper-pair with white dots and red baſe; lower-ones with a white diſk.
Inhabits *India*. *Cram.* 33. *tab.* 393. C.

Mimas. Wings entire brown with a ferruginous margin; beneath with a ſtreak of black dots.
Inhabits *Surinam*. *Cramer* 5. *tab*, 52, E, F.
Antennae a little hooked: all the *wings* beneath brown with a a ferruginous edge in which is a ſtreak of black dots.

Gentius. Wings entire, both ſurfaces alike yellow with a black border; upper-pair with yellow bands.
Inhabits *Surinam*. *Cram.* 15. *tab.* 179. C.
Body yellow; *upper-wings* with a dot between the bands.

Pelopidas. Wings entire; upper-pair dull cinereous with a brown line in the middle, lower-ones cinereous.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 71. *fig.* 2.
Antennae hooked: *wings* beneath cinereous.

Galenus. Wings entire both ſurfaces alike brown ſpotted with yellow.
Inhabits *India*. *Jones Fig. pict.* 6. *tab.* 71. *fig.* 3.
Antennae hooked.

**Malvae.* Wings indented divaricate brown with cinereous waves; upper-pair with hyaline dots; lower-ones with white dots beneath.
Inhabits *Europe*. *Lewin. tab.* 41. *fig.* 1, 2, 3.
Larva grey with a black head, neck with 4 ſulphur dots: *pupa* gibbous blueiſh.

Aceae. Wings divaricate varied with brown and cinereous; upper-pair with hyaline dots; lower-ones beneath cinereous immaculate.
Inhabits *Ruſſia*. *Eſp. Pap. tab.* 61. *fig.* 3.

Lower-

Lower-wings darker with macular whitiſh bands. Beneath all cinereous with a few marginal black dots.

Sidæ. Wings entire divaricate black with ſquare white ſpots; lower-ones beneath cinereous with 2 yellow bands.
Inhabits *Ruſſia. Eſp. Pap. tab.* 90. *fig.* 3.

* *Fritillum.* Wings entire divaricate black dotted with white.
Inhabits *Europe. Lewin. tab.* 46. *fig.* 4, 5.
Very much reſembles P. malvæ, but the ſpots are more diſtinct.

Galba. Wings entire divaricate black dotted with white; lower-ones beneath grey with 2 white bands.
Inhabits *Tranquebar*; reſembles the laſt.
Segments of the *abdomen* edged with white: *upper-wings* beneath cinereous, the diſk black ſpotted with white.

Mævius. Wings entire, above black, beneath greeniſh, with white lines and ſpots on both ſurfaces.
Inhabits *Eaſt Indies.*
Antennæ black annulate with white: *wings* above with a yellowiſh line or two and macular band.

Lavateræ. Wings entire brown; upper-pair with white ſpots, lower-ones with white dots: all with a ſnowy lunule in the middle.
Inhabits *Germany.*
The ſnowy *lunule* ſurrounded with a black ring.

Menalcas. Wings entire, both ſurfaces alike, white edged with black
Inhabits *India.*
Upper-wings ſtriate with black at the tip and margin.

Menippus. Wings entire ſtriate brown with a broad white band in the middle of which is a brown dot.
Inhabits *Surinam.*
Lower-wings beneath whitiſh tipt with brown.

Clito. Wings entire, both ſurfaces alike black; upper-pair dotted with white; lower-ones with a white band.
Inhabits *Cayenne.*

Vilrius. Wings entire black; upper-pair with 3 white dots; lower-ones tipt with white.
Inhabits *Surinam. Cramer.* 12. *tab.* 143. *fig.* F.

Curtius.

Curtius. Wings entire, both ſurfaces alike, black; upper-pair with 4 white dots; lower-ones immaculate.
Inhabits *Surinam. Jones Fig. pict.* 6. *tab.* 70. *fig.* 1.

Phoreus. Wings entire; upper-pair brown; lower-ones yellow.
Inhabits *Surinam.* Heſp. Phocion. *Fabricius. n.* 345.
Antennae black tipt with yellow: *upper-wings* beneath yellow with ocellar white dots.

Tages. Wings entire denticulate brown with obſolete white dots.
Inhabits *Europe. Lewin. tab.* 45. *fig.* 3, 4.
Upper-wings with a few darker bands: *lower-ones* with marginal white dots.

Niſo. Wings entire ſubreverſed brown; upper-pair with 4 white ſcattered dots above.
Inhabits *India.*

Spio. Wings entire reverſed blackiſh, every where ſpotted with white.
Inhabits *India.* The reverſed wings diſtinguiſhes the ſpecies.

Pygmaeus. Wings entire brown immaculate.
Inhabits *India*, very ſmall.
Body brown: *mouth* white: *antennae* with a long reddiſh-club.

72. SPHINX. *Antennæ* ſomewhat prismatic, tapering at each end: *tongue* (moſtly) exſerted: *feelers* 2, reflected: *wings* deflected. *Hawk-moth.*

Theſe fly abroad only in the morning and evening, are very ſlow on the wing and often make a humming kind of noiſe; they extract the nectary of flowers with the tongue: the *larva* has 16 feet and is pretty active, that of the Zygænæ is thick fat and covered with ſhort hairs, that of the Seſiæ generally naked unarmed and thinner towards the head, the others have generally a ſharp erect ſtiff horn behind: the *pupa* is quieſcent, that of the Zeygænæ folliculate and a little tapering forwards; the reſt naked and ſmooth, that of the Seſiæ pointed at each end, of the others very obtuſe behind.

A. *Au-*

A. *Antennæ ſcaly: feelers hairy: tongue ſpiral.*

**Ocellata.* Wings angular, lower-ones rufous with a blue eye.
Inhabits *Europe*. *Donovan.* viii *tab.* 269. *Eſp.* 2. *tab.* 1. *Harris Inſ. tab.* 5. *fig.* g, h. *Albin. tab* 8 *fig.* 2
Larva ſolitary tailed rough green with oblique lateral pale ſtripes and ocellar dots: *pupa* dark chesnut-brown.

Excæcata. Wings angular denticulate; lower-ones rufous with a blue epupillate eye.
Inhabits *America*. *Smith's Lepidopt. Inſ. of Georgia.*

Myops. Wings angular; upper-pair with a yellow ſpot at the tip and poſterior angle; lower-ones yellow with a blue epupillate eye.
Inhabits *America*. *Smith's Lepidopt. Inſ. of Georgia.*

Neſſus. Wings angular with black bands; lower-ones rufous edged with black: abdomen with rufous and yellow ſpots.
Inhabits *America*. *Cramer.* 9. *tab.* 107. *fig.* D.
Abdomen with a rufous belt at the baſe and 3 dots each ſide behind the middle, and between theſe 2 dorſal yellow ſpots: *upper-wings* browniſh with black bands: *lower-wings* rufous with a grey ſpot at the baſe and black hind-margin.

Quercus. Wings angular indented cinereous with darker ſtreaks; lower-ones ferruginous, white at the angle of the tail.
Inhabits *Germany*. *Eſp.* 2. *tab.* 19. *Wein. tab.* 1. b. *fig.* 1.
Larva ſolitary green with oblique lateral white ſtripes and rufous ſtigmata: *pupa* chesnut with rufous margin.

Modeſta. Wings angular cinereous with 4 darker ſtreaks; lower-ones immaculate.
Inhabits *Tranquebar*.
Antennæ ferruginous with a white line.

Lugubris. Wings angulate pale chesnut; upper-pair with a ſubocellar black dot.
Inhabits *South American*. *Drury* 1. *tab.* 28. *fig.* 2.

Luſca. Wings angnlar duſky with a black dot; lower-ones black with a fulvous band.
Inhabits *South America Iſlands*.
Upper-wings cinereous with brown flexuous bands: *lower-wings* cinereous at the angle of the tail with a fulvous blotch: beneath dull grey immaculate.

Aſiliformis.

Affinis. Wings ſcalloped toothed; upper-ones cinereous with a darker band in which is a black dot; lower-ones red edged with black.

Inhabits *India*.

Antennæ cinereous tipt with white: all the *wings* beneath greeniſh with a white band.

Feneſtrina. Wings ſcalloped toothed gold-brown with 2 hyaline ſpots.

Inhabits *Auſtria*. *Eſp.* 2. *tab.* 23. *fig.* 1.

Abdomen with 2 white belts: *wings* with ſcattered yellow dots; hind-margin black with 2 white ſpots.

* *Populi.* Wings indented reverſed grey; upper-pair with a white central ſpot; lower-ones ferruginous at the baſe.

Inhabits *Europe*. *Donovan.* vii. *tab.* 241. *Eſp.* 2. *tab.* 2. *Wilks pap.* 11. *tab.* B, C. *Merian Europe.* 3. *tab.* 37.

Larva ſolitary rough green with oblique white ſtripes on the ſides: *pupa* brown, ferruginous behind.

Juglandis. Wings indented grey tranſverſely ſtreaked; lower-ones paler, the margin dotted with brown.

Inhabits *America*. *Smith's Lepidopt. Inſ. of Georgia.*

* *Tiliæ.* Wings angular with greeniſh clouds and darker bands; lower-ones beneath yellow teſtaceous.

Inhabits *Europe*. *Merian.* 2. *tab.* 24. *Albin. tab.* 10.

Larva ſolitary rough green with oblique red and yellow ſtripes on the ſides: *pupa* dull brown.

Rhadamiſtus. Wings ſubangular cinereous with a black dot at the baſe and obliqne abbreviated band in the middle; firſt ſegment of the abdomen black.

Inhabits *Sierra Leona*.

Thorax cinereous with a black dorſal line: *abdomen* cinereous, the firſt ſegment black. *upper-wings* with a black patch towards the tip, beneath darker with ſmall cinereous bands: *lower-wings* cinereous at the angle of the tail with a ſmall black ſtreak, beneath grey.

Densberæ. Wings ſcalloped greeniſh with a darker band; lower-ones fulvous tipt with black.

Inhabits *Germany*. *Eſp. Inſ.* 2. *tab.* 20.

Antennæ black tipt with white: *body* green: *upper-wings* with an ocellar black dot.

Larva ſolitary without tail, brown with red ſtigmata, the laſt ſegment but one with an oval black eye, the pupil white: *pupa* naked brown.

Gauræ. Wings indented; upper-pair olive with 2 whitiſh ſtreaks and deltoid ſpot on the diſk; lower-ones ferruginous with a pale ſtreak, the outer part black edged with white.
Inhabits *America*. *Smith's Lepidopt. Inſ. of Georgia.*

Nerii. Wings ſubangular green with paler darker and yellowiſh bands.
Inhabits *Europe* and *America*. *Cramer. tab.* 224. *fig.* D.
Larva dotted with white, the neck and an eye each ſide blue, tail deflected ſlightly jointed: *pupa* yellow with a black dorſal line and lateral dots.

Apulus. Wings indented; upper-pair fulvous with 2 gold ſpots: antennæ plumed.
Inhabits *Surinam*. *Cramer.* 8. *tab.* 88. *fig.* E.
Head and *thorax* black: *abdomen* red with black rings: *upper-wings* emarginate at the tip, fulvous with 2 waved black ſtreaks and 2 tranſverſe gold ſpots between them: *lower-wings* white with a fulvous margin.

Penæus. Wings indented clouded with brown and cinereous; lower-ones ferruginous edged with black.
Inhabits *America*. In the muſeum of Dr. *Hunter*.
Body brown-aſh; *thorax* with a black ſpot at the tip; *abdomen* beneath whitiſh with ferruginous ſpecks and 3 dots each ſide: *upper-wings* with a white dot in the middle.

Pylas. Wings ſcalloped indented variegated; lower-ones fulvous, yellow at the baſe and black at the tip.
Inhabits *Surinam*. *Cramer.* 18. *tab.* 206. *fig.* A.
Lower-wings with a marginal black band and contiguous ſmaller one, the edge itſelf yellowiſh.

Obſcura. Wings indented; lower-ones red edged with black; abdomen above pale immaculate.
Inhabits *South America*.
Abdomen beneath white with rufous ſpecks and 4 black dots each ſide.

Cacus. Wings indented black with 3 approximate pale ſtreaks; lower-ones yellow ſtriate with black.
Inhabits *Surinam*. *Cramer.* 4. *tab.* 46. *fig.* E.
Abdomen with alternate cinereous and black belts.

Deniaſa

Dentata. Wings indented; lower-ones brown with a white ſtreak: abdomen annulate with white.
Inhabits *India*. *Cramer*. 11. *tab*. 125. *fig*. G.
Head and *thorax* blueiſh ſpeckled with brown: *upper-wings* blueiſh with brown ſpecks and bands.

Alope. Wings indented brown; lower-ones yellow tipt with black: abdomen black with interrupted pale belts.
Inhabits *America*. *Cramer*. 26. *tab*. 301. *fig*. G.
Antennae with a white ſhaft: *lower-wings* beneath brown with a yellow ſpot at the thinner-margin.
Larva tailed glabrous, cinereous on the back with a broad brown ſtreak before ocellate in the middle and ending in a black ſpot: *pupa* brown with rufous rings and ſtreaks.

Ello. Wings ſlightly indented cinereous; lower-ones rufous edged with black: abdomen pale with black belts.
Inhabits *Surinam*. *Cramer*. 26. *tab*. 301. *fig*. D.
Upper-wings in one ſex with a brown band.

Jatrophae. Wings ſlightly indented; lower-ones black with a rufous baſe and hyaline band: head 2-horned.
Inhabits *America*. *Cramer*. 10 *tab*. 118. *fig*. A.
Head with 2 incurved horns before the eyes: *thorax* with a black lateral line: *abdomen* with a black lateral line and 3 pair of fulvous ſpots, beneath white with 3 black ſpots each ſide: *upper-wings* cinereous with black wayes and a dot in the middle, the hind-margin ſpotted with white. Beneath all brown with a fulvous blotch.
Larva green with a moniliform tail: *pupa* brown with an inflected cylindrical tail.

Medea. Wings ſlightly indented; upper-pair green; lower-ones fulvous edged with black.
Inhabits *Africa*. In the muſeum of Sir. *Joſ. Banks*.
Body green: *upper-wings* with brown marginal dots and one in the middle: *lower-wings* beneath greeniſh edged with brown.

Pholus. Wings emarginate black, paler at the tip with black ſtreaks, lower-ones cheſut-brown.
Inhabits *India*. *Cramer*. 8. *tab*. 87. *fig*. B.
Upper-wings with a rufous ſpot at the tip: *lower-ones* fleſh-colour at the baſe, the margin widely emarginate.

Carolina. Wings entire, all of them dotted with white on the hind-margin: abdomen wtth 5 pair of fulvous dots.
Inhabits *America*. *Merian Sarin*. 57. *tab*. 57.

Larva green with purple ſpiracles and tail, legs white annulate with black; *pupa* brown.

Strigilis. Wings entire grey; lower-ones fulvous with brown ſtreaks.
Inhabits *America*. *Cramer.* 9. *tab* 106. *fig.* B.
Head yellowiſh with fulvous front and feelers: *abdomen* yellowiſh with oblique lateral green ſtreaks, beneath fulvous: *upper-wings* oblong emarginate at the inner-edge grey ſpotted with green.

* *Atropos.* Wings entire; lower-ones yellow with 2 brown bands; abdomen yellow with black belts.
Donovan. ix. *tab.* 289. *larva* and *pupa tab.* 290.
Inhabits *Europe Aſia* and *America*.
Larva ſolitary tailed yellow dotted with black and divided blue and green lateral tranſverſe lines, tail reflected: *pupa* dark brown with 5 black ſtigmata each ſide.
Thorax marked with the reſemblance of a death's head.

Erotus. Wings entire varied with brown and blue; lower-ones fulvous edged with black.
Inhabits *India*. *Cramer.* 9. *tab.* 104. *fig.* B.
Head and *thorax* brown with a pale lateral line: *upper-wings* brown with a large blueiſh ſpot at the baſe, in the middle a fulvous dot, the hind-margin blueiſh.

Equeſtris. Wings entire pale cinereous; lower-ones black with a fulvous band and cinereous margin; ſides of the abdomen fulvous.
Inhabits *India*. *Cram. tab.* 226. D.
Head greeniſh-brown with white orbits: *thorax* greeniſh-brown with a white line on the ſides.

Phorbas. Wings entire obſcure green with blueiſh lines; lower-ones black with 2 fulvous ſpots
Inhabits *India*. *Cram.* 5. *tab.* 55. B.
Upper-wings with an obſolete ferruginous ſpot in the middle.

Ficus. Wings clouded with brown; lower-ones with a black band and white at the angle of the tail.
Inhabits *America*, *Cram tab.* 246. E. *Mar Sur. tab.* 333
Larva green with yellow lines, head and tail black: *pupa* brown.

Tetrio. Wings indented cinereous varied with brown: abdomen beneath white with 4 ferruginous dots.
Inhabits *America*. *Merian. Surinam. tab.* 5.

Larva

Larva gregarious naked black with 10 yellow rings, head red legs orange dotted with black.

Chionanthi Wings variegated, with a white dot in the middle: abdomen with 3 pair of fulvous eyes.
Inhabits *America*. *Cramer tab.* 30. A.
Antennae hooked, ferruginous with a white ſhaft: *lower-wings* blackiſh ſpotted with white.
Larva tailed, with yellow and black bands, head and tail red; *pupa* brown.

Pagana. Wings entire cinereous clouded with black; lower-ones with a ferruginous diſk above.
Inhabits *India*. In the muſeum of Sir. *Joſ Banks*.

**Pinaſtri.* Wings entire grey with 3 ſhort black lines in the middle of the upper-pair: abdomen white with black bands.
Inhabits *Europe*. *Donovan.* ix. *tab.* 296. *Eſp.* 2. *tab.* 12.
Larva tailed greeniſh with a ferruginous dorſal line, a lateral yellow one and ferruginous ſubocellar ſtigmata: *pupa* reddiſh-brown with white eyes.

Coniferarum. Wings entire grey; upper-wings with 2 parallel black lines and another divaricate and denticulate tranſverſe ſtreak.
Inhabits *America*. *Smith's Lepidopt. Inſ. of Georgia*.

Plebeja. Wings entire grey with a white dot in the middle: ſides of the abdomen white edged with black.
Inhabits *South America*.
Abdomen beneath white with a line of brown dots.

**Euphorbiae.* Wings entire grey with 2 dark olive bands; lower-ones with a black baſe and marginal ſtreak: antennae ſnowy.
Inhabits *Europe*. *Donovan.* iii. *tab.* 91. 92.
Larva black dotted with white, a red line down the back and lateral yellow ſpots: *pupa* brown with black ſtigmata.

Gallii. Wings entire greeniſh with a white band; lower-ones pale with a black baſe and marginal ſtreak: antennæ brown.
Inhabits *Germany*. *Eſp. Inſ.* 2. *tab.* 21.
Abdomen with white dots down the back.

Lineata.

* *Lineata.* Wings greeniſh-olive with a white band croſſed with white ſtreaks; lower-ones black with a red band.
Inhabits *Europe*. *Donovan* vi. *tab.* 204. *fig.* 1.
Head greeniſh with a lateral white line: *thorax* with 3 double white ſtreaks: *abdomen* with a white line down the middle and lateral black and white dots: hind-margin of the *upper-wings* pale purple. Beneath all cinereous ſpeckled with green.

Veſpertilio. Wings entire cinereous immaculate; lower-ones red with black baſe and tip.
Inhabits *Southern Europe*. *Eſp. Inſ.* 2. *tab.* 22. *fig.* 4.
Thorax cinereous with a lateral ſnowy line: *abdomen* cinereous with alternate black and white ſpots each ſide at the baſe: hind-margin of the *lower-wings* whitiſh.

Vitis. Wings entire greeniſh with a white band and fillet: lower-ones cinereous with a black band and rufous margin.
Inhabits *America*. *Cram. tab.* 267. C. *Merian. t.* 47: *f.* 1.

Satellitia. Wings entire grey clouded; upper-pair with a black ocellar dot and contiguous leſſer-one; lower-ones cinereous at the baſe.
Inhabits *Jamaica*. *Drury*. 1. *tab.* 29. *fig.* 1. 2.

**Celerio.* Wings entire grey with ſilvery-white ſtreaks: lower-ones brown with 6 red ſpots.
Inhabits *Europe*. *Donovan* vi. *tab.* 190. 191.
Larva tailed brown with 2 lateral pale lines and 2 eyes on the neck each ſide: *pupa* brown before and reddiſh behind.

Oldenlandiae. Wings entire grey with an oblique ſilvery white band and and brown dot in the middle: abdomen with 2 approximate ſilvery lines.
Inhabits *India*, on the *Oldenlandia*.
Head grey with a whitiſh mouth and lateral line: *thorax* with a ſilvery line each ſide: *abdomen* beneath cinereous with 4 black dots each ſide: *lower-wings* cinereous with a red baſe and black band at the tip.

Lycetus. Wings entire pale cinereous: abdomen with 3 gold lines each ſide.
Inhabits *India*. *Cramer Inſ.* 5. *tab.* 61. D.
Thorax with a gold line each ſide.

Boerhaviae

Boerhaviae Wings entire greeniſh; lower-ones brown with a fulvous band: abdomen beneath gold.
Inhabits *India*. *Sulz. Hiſt. Inſ. tab*, 20, *fig*. 3.
Head and *thorax* greeniſh with a white mouth and lateral line: *abdomen* grey with a gold line each ſide: *upper-wings* grey with 3 oblique greeniſh ſtreaks and a brown dot in the middle: *lower-ones* red with a broad brown tip, beneath variegated.

Funebris. Wings entire green-brown; lower-ones brown with a teſtaceous baſe.
Inhabits *Guinea*.
Body greeniſh with large lateral black ſpots.

Didyma. Wings entire brown; upper-pair with 2 approximate white dots.
Inhabits *America*, *Cram. Inj. tab*. 88. D.
Wings with a few obſolete darker ſtreaks: *abdomen* annulate with brown and grey.

Heſpera. Wings entire; upper-pair clouded with green; lower-ones brown immaculate.
Inhabits *Eaſt India*.
Body above green: *abdomen* with lateral darker ſpots: *wings* beneath grey with obſolete darker ſtreaks.

Parce. Wings entire; upper-pair grey with a ſilvery lunule in the middle; lower-ones reddiſh.
Inhabits *Braſil*. In the muſeum of Sir *Joſ. Banks*
Thorax cinereous with a large brown ſpot each ſide: *abdomen* grey with 3 pair of brown dorſal dots; *wings* beneath grey.

**Elpenor.* Wings entire with tranſverſe greeniſh-brown and red bands; lower-ones red with a black baſe.
Inhabits *Europe*. *Donovan* iv. *tab* 122.
Harris Aurel tab. 7. *fig*. g. h. *Abin. tab*. 9. *fig*. 13.
Larva tailed with brown ſpots and 2 blue eyes each ſide the neck: *pupa* grey before, behind brown with darker ſtigmata.

**Porcellus.* Wings entire varied with yellow and purple; abdomen beneath ſanguineous dotted with white.
Inhabits *Europe*. *Merian*, 3. *tab*. 22. *Eſp*. 2, *tab*. 19.
Larva without tail brown with 3 blue eyes each ſide on the neck: *pupa* blackiſh.

Hylaeus.

Ilylaeus. Wings entire; upper-pair brown variegated at the tip; lower-ones black spotted with white.
Inhabits *South America*, *Cramer* 9, *tab.* 107. C.
Body brown with white lines on the thorax and dots at the sides of the abdomen: *lower-wings* with 5 white spots.

**Convolvuli.* Wings entire clouded: lower-ones slightly barred: abdomen with red black and white belts.
Inhabits *Europe*, *Donovan.* vii. *tab.* 128.
Merian Europ. tab. 75, *fig.* 2. *Cramer tab.* 225. D.
Larva tailed with oblique white lines on the sides and subocellar dots: *pupa* brown with a reflected involute horn.
The *eyes* of this Insect are slightly phosphorescent.

**Ligustri.* Wings entire; lower-ones rufous with 3 black bands: abdomen red with black belts.
Inhabits *Europe*. *Donovan.* viii. *tab.* 284. *Albin. t.* 7. *f.* 10. *Natural Miscell. tab.* 443. *Harris Inf.* 2. *f* 2—f.
Larva tailed green with oblique lateral streaks which are flesh-colour before and white behind: *pupa* brown, the tail 4-toothed.

Drupiferarum. Wings entire; lower-ones white with 2 black bands: abdomen snowy with 2 black belts.
Inhabits *America*. *Smith's Lepidopt. Inf. of. Georgia.*

Kalmice. Wings entire, the margin dotted with white; lower-ones yellowish with 2 black bands: abdomen white with black belts.
Inhabits *America*. *Smith's Lepidopt. Inf. of Georgia.*

Cingulata. Wings entire; lower-ones with black bands, sanguineous at the base and dotted with white at the margin: abdomen with black and red belts.
Inhabits *South America*,
Thorax with a blackish lateral line: *abdomen* beneath white with 5 black dots each side: *upper-wings* waved with cinereous and black, a white dot in the middle and dotted with white on the hind margin: all beneath brown.

Caicus. Wings entire brown; lower-pair rufous streaked with black: abdomen cinereous with black rings.
Inhabits *Surinam*. *Cramer* 11. *tab.* 125. F.
Upper-wings brown with a few paler streaks.

Grantor. Wings entire brown spotted with black; lower-ones red edged with black.

Inhabits

Inhabits *India*. *Cram*. 9. *tab*. 104. A.
Upper-wings with a pale ſpot at the baſe: *lower-wings* ſpotted with black at the angle of the tail.

Alecto. Wings entire; upper-pair grey above; lower-ones red with a black baſe and margin.
Inhabits *India*. *Cramer*. *tab*. 137. D. *Drury*. 2. *tab*. 27. *fig*. 4.
Antennae above white, beneath cheſnut-brown.

Clotho. Wings entire greeniſh with a fulvous dot; lower-ones fulvous.
Inhabits the *Cape of good hope*.
Antennæ fulvous: *wings* beneath cinereous

Gnoma. Wings entire cinereous; lower-ones with a black fillet above.
Inhabits *India*. *Cramer*. 13. *tab*. 152. A.
Head and *thorax* greeniſh with a white lateral line: *abdomen* cinereous with a brown ſpot at the baſe each ſide: *breaſt* white: *upper-wings* with a minute brown dot in the middle: all beneath cinereous with a green ſtreak and ſpecks.

Anubus. Wings entire; upper-pair ſubferruginous; lower-ones black with a ſtreak of white dots.
Inhabits *Surinam*. *Cram*. 11. *tab*: 128. C.
Upper-wings with a ſmall black dot in the middle and towards the margin a large brown ſpot and few ſtreaks.

Nechus. Wings entire; upper-pair green with a teſtaceous ſtreak; lower-ones black with a yellow band and ſpots at the baſe.
Inhabits *America*. *Cram*. 15. *tab*. 178. B.
Body green: *antennae* white: *thorax* with a lateral white line: *abdomen* with 2 lines of black dots on the back and ferruginous ones on the ſides.

Batus. Wings entire browniſh; lower-ones black with a whitiſh macular band.
Inhabits *India*.
Head and *thorax* greeniſh with a whitiſh lateral line: *wings* beneath varied with brown and teſtaceous.

Clio. Wings green; lower-ones teſtaceous edged with black.
Inhabits *Guinea*; ſmall.

Antennae yellowish : *body* greenish : 3 last segments of the *abdomen* with 2 white dots each side : *upper-wings* with a black dot in the middle : *lower-ones* slightly toothed, beneath greenish edged with brown.

Labruscae Wings greenish with a white dot on the lower-surface of the upper-pair : abdomen with 5 white dots at the sides.
Inhabits *America*. *Merian Surinam. tab.* 44.
Lower-wings with a black disk barred with a blue, a rufous spot at the angle of the tail.
Larva tailed varied with brown and black, on the tail a white polished moveable dot.

Caricae. Wings entire, lower-ones beneath yellow : abdomen cinereous with black angles.
Inhabits *America*. *Merian Surinam. tab.* 64. *fig.* 12.
Larva variegated with green and yellow : *pupa* testaceous.

Velox. Wings entire brown with a black dot in the middle, the tip cinereous ; lower-ones brown.
Inhabits *India*.
Thorax greenish with a white lateral line : hind-margin of the *upper-wings* dotted with brown. Beneath cinereous with brown streaks.

Tersa. Wings entire grey with a brown dot ; lower-ones black with a white base and macular band.
Inhabits *South America*. *Cram.* 44. *tab.* 397. C.

Thyelia. Wings ferruginous with a blackish band.
Inhabits *India*. *Cramer.* 19. *tab.* 226. E. F.
Small. *Thorax* with longitudinal brown lines.

B. *Antennæ cylindrical : tongue exserted truncate : wings entire.* Sesia.

Tantalus Abdomen bearded, the third segment snowy.
Inhabits *Europe* and *India*. *Cram. tab.* 68. F.
Abdomen with a white and rufous streak : *upper-wings* variegated, with 3 white dots.

Melas Wings semitransparent edged with black : abdomen blue, the base black with yellow belts.
Inhabits *Surinam*. *Cram.* 4. *tab.* 45. *fig.* G.

Antennæ

Antennae nearly filiform : *head* yellow : *thorax* black surrounded by 2 lines.

a

Hylas. Wings semitransparent ; abdomen bearded, green with purple belt.
Inhabits *China*. *Cramer* 13. *tab.* 148. B.
Tail with a white dot at the base, the sides of the beard black.

Padus. Abdomen bearded ; wings brown, upper-pair with 2 abbreviated white bands.
Inhabits *Surinam*. *Cram.* 5. *tab.* 61. C.

**Stellatarum.* Abdomen bearded, the sides varied with white and black ; lower-wings ferruginous.
Inhabits *Europe*. *Donovan.* v. *tab.* 155. *Gram. t.* 94. C.
Merian Europe. 2. *tab.* 29. *Esp. Inf.* 2. *tab.* 13.
Upper-wings brown with blackish lines across and a dot in the middle : base of the *lower-wings* brown.
Larva pale rosy dotted with white, the tail blue ferruginous at the tip : *pupa* pale with a brown tip.

Pandora. Abdomen bearded, with fulvous spots on the sides : lower-wings ferruginous at the base and tipt with black.
Inhabits *India*. *Drury. Inf.* 2. *tab.* 29. *f.* 2.
Abdomen above brown with a green gloss and 3 large fulvous spots each side at the base the beard black, beneath subtestaceous with small white dots : *upper-wings* with cinereous and greenish bands and a brown spot towards the tip.

Brunneus. Wings chesnut-brown immaculate ; lower-ones emarginate.
Inhabits *Surinam*. *Cram* 13. *tab.* 147. C.

8-maculata Wings black with 2 yellow spots on the upper-pair and 2 white ones on the lower-pair.
Inhabits *India*. Small.
Thorax black with 2 white dots ; *abdomen* bearded black with 2 white dots before the tail.

Marica. Wings variegated ; lower-ones black with a hyaline spot at the base.
Inhabits *Surinam*. *Cram.* 2. *tab.* 20. F. G.
Abdomen black, bearded at the end : *upper-wings* variegated with white and black : beneath all black spotted with white.

Thysbe.

Thysbe. Abdomen bearded, brown behind: wings with a hyaline spot.
Inhabits *America.* *Antennae* hooked, at the tip.
Abdomen greenish at the base, behind pale brown with 3 white lateral spots each side: base of the *upper-wings* a little greenish.

**Fuciformis* Abdomen bearded blackish with a yellow band near the tail; wings diaphanous with a darker-brown border.
Inhabits *Europe.* *Donovan.* iii. *tab.* 87. *Esp.* 2. *tab.* 14.
Beard of the abdomen black each side.
Larva green with a yellow lateral line, the horn erect; *pupa* folliculate black, with yellow streaks before.

**Bombyliformis.* Abdomen bearded greenish-fulvous with a black band: wings transparent with a fine black edge.
Inhabits *Europe.* *Esp. Inf.* 2, *tab.* 23.

**Apiformis* Wings transparent; abdomen yellow with 2 black belts above; thorax black with 2 yellow spots each side.
Inhabits *Europe.* *Donovan.* 1. *tab.* 25.
Linn. Tranf 3. *tab.* 1. *fig.* 1. 2.
Abdomen of the male slightly bearded.
Larva pale yellow, *head* yellow: *pupa* blackish.

**Crabroniformis.* Wings transparent: abdomen yellow with black belts: thorax black with obsolete yellow spots: head black with a yellow ring at the base
Inhabits *Europe.* *Linnean Tranfact.* iii. *tab.* 1. *f.* 6. 7.
Larva pale yellow: *pupa* reddish-brown.
Male with 2 black bands near the base of the abdomen: *female* with irregular black lines.

Chalciformis. Wings with hyaline stripes, golden at the base and black at the tip: hind-legs very hairy.
Inhabits *Tranquebar.*
Head and *thorax* villous golden, mouth yellow: *lower-wings* transparent edged with black.

Sphegiformis. Wings hyaline with a black band and margin: abdomen bearded, with a yellow belt: antennæ white before the tip.
Inhabits *Austria.* *Wien Verz,* 305, 10.
Thorax black with yellow sides: *abdomen* with 2 lateral yellow dots each side; sides of the *breast* yellow,

Affi-

Asiliformis. Upper-wings brown, lower-ones transparent: abdomen bearded black with 3 yellow belts.
Inhabits *Southern Europe. Wien. Verz.* 305. 11.
Thorax black with a fine yellow margin before and a yellow dot before the wings: hind-margin of the *lower-wings* black: *hind-shanks* yellow.

Chrysiformis. Upper-wings yellow with a hyaline line at the base and dot in the middle: lower-ones hyaline: segments of the abdomen edged with yellow.
Inhabits *Italy. Cyrilli. Ent. Neap. tab.* 4. *fig.* 3.
Sesia craboniformis. *Fabricius.* iii. *p.* 383. *n.* 17.
Head yellow with a fulvous crown: *tail* bearded black, yellow in the middle: margin of the *upper-wings* fringed with brown.

Hæmorrhoidalis. Wings hyaline; upper-pair with a black band and margin: tail bearded red.
Inhabits *India. Cramer.* 5. *tab.* 52. C, D.
Thorax with a white dot each side: *abdomen* red at each end: all the *wings* edged with black.

* *Culiciformis.* Wings hyaline with a black band and margin: abdomen bearded, with a fulvous belt.
Inhabits *Europe. Esp.* 2.. *tab.* 15. *fig.* 1. *Clerk. tab.* 9. *fig.* 3.
Antennæ white before the tip.

Tenthrediniformis. Wings transparent with a black band and edge all round; head and sides of the thorax fulvous: abdomen bearded, with a fulvous belt.
Inhabits *Southern Europe.*

* *Tipuliformis.* Wings transparent with a black band and border: abdomen bearded black, the alternate incisures edged with yellow.
Inhabits *Europe. Donovan.* ii. *tab.* 52, 53.
Thorax with a yellow line each side: tip of the *upper-wings* with a brown spot.
Larva solitary a little hairy whitish with yellow head and legs and a darker dorsal line: *pupa* brown.

* *Zonata.* Wings transparent with a black band and margin: abdomen bearded black with a single red belt.
Inhabits *Europe. Donovan.* vi. *tab.* 195.
Head with a thin red hind-margin: *thorax* with 2 oblique lateral red lines.

Ichneu-

Ichneumoniformis Wings tranſparent with a black margin and band in which is a fulvous dot: abdomen with alternate black and white belts.
Inhabits *Auſtria*. *Wien. Verz.* 44, 7.
Antennæ black, ſometimes yellow at the baſe: *thorax* black with yellow ſides: *legs* yellow.

**Veſpiformis.* Wings tranſparent with a black margin and band; abdomen bearded black, the ſecond and laſt ſegments edged with yellow.
Inhabits *Europe*. *Wien. Verz.* 44, 5.

* *Chryſorrhœa.* Wings tranſparent with a black margin and band; abdomen black with 4 yellow belts, the beard yellow with a black line in the middle.
Inhabits *Europe*. *Donovan.* iv. *tab.* 116. *fig.* 1, 2.
Thorax with a yellow upper-margin: *hind-thighs* yellow annulate with black.

C. *Antennæ thicker in the middle: tongue exſerted ſetaceous.* Zygæna

* *Filipendulæ.* Upper-wings blue-green with 6 red ſpots in pairs; lower-ones red with a greeniſh border.
Inhabits *Europe*. *Donovan.* i. *tab.* 6. *Albin. tab.* 82. C, D. *Merian Europ.* 2. *tab.* 17. *fig.* 67. *Harris.* 2. *tab.* 1. *fig.* h.
Larva fat tailed ſulphur with 4 lines of black dots: *pupa* brown, ſulphur in the middle.

Loti. Upper-wings green with 5 red ſpots; lower-ones red with a green-blue border.
Inhabits *Europe*. *Eſp. Inſ.* 2, *tab.* 24. *fig.* 1.
Thorax blue ſpotted with white: *abdomen* blueiſh: the 2 upper-ſpots on the *wings* united.

Scabioſæ. Black; upper-wings green with oblong approximate red ſpots: lower-ones red.
Inhabits *Germany*. *Eſp.* 3. *tab.* 24. *fig.* 3. 2.
Upper wings with 3 long approximate red ſpots at the baſe, 2, 1. margin of the lower-ones greeniſh. Beneath the ſame.

Lavandulæ Black; wings blue with 5 red dots on the upper-pair and one on the lower: collar ſnowy.
Inhabits *France*: ſize of Sp. Filipendulæ.
Abdomen black with a blue gloſs: ſpots on the *wings* 2, 2, 1. ſurrounded with a black ring.

Sedi

Sedi. Blue; upper-wings with 3 connected red ſpots; lower-ones entirely red.
Inhabits *Southern Ruſſia.*
Spots on the *wings* ſurrounded with a yellow ring: *lower-wings* with a fine black edge.

Phegea. Green black; upper-wings with 6 tranſparent dots, lower-ones with 2: abdomen with a yellow belt.
Inhabits *Germany. Eſp. Inſ.* 2. *tab.* 27. *fig.* 2, 2.
Larva brown; head and legs reddiſh, back with faſciculate white plumes.

Collaris. Brown; upper-wings with 7 hyaline dots, lower-ones with 2: front, collar and 2 belts on the abdomen fulvous.
Inhabits *Eaſt India.*
Antennae black whitiſh at the tip: dots on the *upper-wings* 1,3,3.

Ephialtes. Blue; upper-wings with 6 red dots, lower-pair with one: abdomen with a red belt.
Inhabits *Southern Europe. Eſp. Inſ.* 2. *tab.* 27. *fig.* 3.
The dots on the *wings* and the belt on the *abaomen* are ſometimes yellow ſometimes red.
Larva hairy yellowiſh with black head legs and 2 lines.

Æacus. Blue; upper-wings with 6 yellow dots; lower-ones yellow edged with blue.
Inhabits *Auſtria. Wien. Verz.* 45, 8.
Abdomen blue with a yellow belt: dots on the *wings* 2,2,2. placed obliquely.

Agrius. Black; wings with hyaline dots, upper-pair black lower-ones blue.
Inhabits *Surinam.*
Body black; ſides of the *abdomen* fulvous: *upper-wings* with 2 approximate hyaline dots in the middle of the thicker margin and a ſtreak of them behind: *lower-wings* with 2 approximate hyaline dots.

Annulata. Black; upper-wings with 6 yellow ſpots; lower-ones with a yellow baſe and ſpot: abdomen annulate with yellow.
Inhabits *New Holland.* In the muſeum of Sir *Joſ. Banks.*
Head yellow: *thorax* black with a yellow band on the fore-part: *ſcutel* yellow: ſpots on the *upper-wings* 1,2,3. a black dot in the yellow baſe of the *lower-wings.*

Onobrychis. Black; upper-wings blue with 6 red ocellate dots; lower-ones red with a black border.

Inhabits

Inhabits *Auſtria*. *Eſp. Inſ.* 2. *tab.* 27. *fig.* 4.
Thorax ſpotted with white: ſpots on the *wings* ſurrounded with a white ring: *abdomen* ſometimes immaculate, ſometimes with a red belt.

Caffra. Black; wings brown with 5 red dots: lower-ones red edged with brown.
Inhabits *Africa*. *Cramer.* 33. *tab.* 394. E.
Head black: feelers and orbits red: *thorax* black with 2 red dots each ſide: dots on the *wings* ſurrounded with a black ring.

Guinenſis. Wings brown with 2 white ſpots: abdomen blue with a fulvous belt:
Inhabits *Guinea*.
Antennae pectinate, ſetaceous at the tip: *abdomen* ſhining blue with a white belt at the baſe and a fulvous one in the middle, beneath whitiſh tipt with blue.

Paſſalis. Wings black with 6 tranſparent ſpots on the upper-pair and one on the lower: abdomen with alternate blue and red belts.
Inhabits *Eaſt India*.
Head blue: *thorax* rufous in the middle, the fore-part and ſides blue.

Cerbera. Wings black with 6 tranſparent ſpots on the upper-pair and 2 on the lower: abdomen with red belts.
Inhabits *Æthiopia*. *Cramer.* 7. *tab.* 83. F.

Thetis. Blue, the ſhoulders dotted with red; wings black, upper-pair with a hyaline tip, lower-ones with a hyaline diſk.
Inhabits *Jamaica*. *Drury Inſ.* 1. *tab.* 26. *fig.* 4.

Phlegmon. Wings black dotted with white: abdomen yellow with black lines.
Inhabits *Surinam*. *Cramer. tab.* 35. *fig.* H.

Thelebus. Wings black; upper-pair with 5 hyaline ſpots; lower-ones very ſhort with a hyaline diſk; abdomen yellow annulate with black.
Inhabits *China*:
Head yellow, mouth black: *thorax* yellow with a black collar: *lower-wings* hyaline edged with black.

Sperbius.

Sperbius. Wings black with 5 hyaline ſpots on the upper-pair and one on the lower: abdomen black with 2 yellow bands: front white.
Inhabits *China.*
Antennae black tipt with white: *thorax* black: *ſcutel* yellow: *tail* white with a ſingle yellowiſh ſpot.

Feneſtrata. Wings brown with 4 hyaline ſpots on the upper-pair and one on the lower: abdomen annulate with yellow and black.
Inhabits *China.* *Drury Inſ.* 2. *tab.* 28. *fig.* 5.
Antennae black, white before the tip: *head* yellow with a black band between the antennæ: *thorax* yellow, the fore-part and 3 ſpots black.

Caſſandra. Brown; abdomen with 5 blue ſpots each ſide: tail mouth and baſe of the thighs and abdomen ſcarlet.
Inhabits *America.* *Cram.* 33. *tab.* 494. G.
All the *wings* blackiſh immaculate.

Hyparchus. Black ſpotted with green; upper-wings with 3 gold ſpots, lower-pair with a ſingle one.
Inhabits *Sierra Leona.* *Cramer.* 17. *tab.* 197. C.
Abdomen black with green belts.

Argynnis. Wings greeniſh-black with gold ſpots; lower-ones brown, gold at the baſe.
Inhabits *Braſil.*
Abdomen black with a red tail: *upper-wings* with a few green ſpots: *lower-ones* violet.

Myrtea. Black; wings hyaline with a black edge all round: abdomen red with a black dorſal line and angles.
Inhabits *Braſil.*
Thorax black, the ſides gloſſy-blue with a fleſh-coloured line: margin of the *wings* ſinuate black.

Andromacha. Black; wings hyaline with a black margin and band: tail red.
Inhabits *America.* *Cramer.* 5. *tab.* 52. *fig.* C, D ?
Antennæ ſomewhat pectinate: *thorax* hairy black, the fore-part and 2 dots white: *abdomen* hairy black. In one *ſex* is a red band at the baſe of the abdomen

Flavicornis Wings yellow hyaline; upper-pair tipt with brown: body blue ſpotted with yellow: antennæ and legs yellow.
Inhabits *Cayenne.*

Antennae pectinate setaceous at the tip: *thorax* black blue with yellow spots: instead of the *scutel* is a square emarginate spot.

Bromus. Ferruginous; wings hyaline edged round with black.
Inhabits *Surinam*. *Cramer*. 3. *tab*. 35. *fig*. G.
Antennae pectinate: *body* entirely dull ferruginous.

Eryx. Wings black, base of the upper-pair gold with a red spot in the middle: abdomen beneath red.
Inhabits *America*. *Cramer*. 12. *tab*. 140. E, F.
Head shining green-gold spotted with black on the hind-part: *thorax* black with 4 green-gold spots before and 3 pair on the back: *abdomen* black with 7 spots each side, the 4 upper-ones green gold, the 3 lower-ones blue: *lower-wings* beneath black with a green-gold base and 2 spots.

Egeon. Wings hyaline; upper-pair edged round with yellow.
Inhabits *China*. *Cramer*. 5. *tab*. 30 *fig*. B.
Antennæ pectinate: tip of the *upper-wings* yellow with a hyaline spot: *lower-wings* hyaline, the hind-margin black with a hyaline streak: *thorax* black spotted with white: *abdomen* black, the back yellow with a black line.

Achemon. Yellow; wings hyaline tipt with black, upper-pair yellow at the base.
Inhabits *Jamaica*. Small.
Head black: *thorax* yellow: *abdomen* yellow with 2 dorsal lines of black dots, tail black: *upper-wings* with a black margin and lunule in the middle.

Nigricornis. Wings hyaline edged with black: body yellow, the fore and hind-parts black spotted with blue.
Inhabits *Cayenne*; small.
Antennæ pectinate: *head* black with a blue dot on the crown: *mouth* yellow: *thorax* yellow, black on the fore-part with 4 blue spots: *abdomen* yellow, tail black with 2 blue streaks.

Melissa. Wings black with a hyaline disk: abdomen black with 3 gold lines, tail fulvous.
Inhabits *America*.
Crown with a gold spot, *thorax* with 2 obsolete ones in the fore-margin: *breast* black spotted with white: *abdomen* black with 4 white dots each side beneath.

Polymena. Black; upper-wings with 3 yellow spots, lower-ones with 2: abdomen with 2 scarlet belts.
Inhabits *China*. *Cramer*. 2. *tab*. 13. D.

Lethe.

Lethe. Wings black with 2 yellow ſpots: abdomen with red black and blue belts and a white one.
Inhabits *Africa*. *Cram.* 17. *tab.* 197. *fig.* D.
Head blue: *thorax* black, the fore-lobe and 3 dorſal lines blue, before the wings a ſcarlet dot each ſide: *abdomen* with a rufous belt at the baſe which is white each ſide, then 2 blue-ones and 2 alternate black ones, then a rufous one, afterwards a white one, the 3 laſt ſegments blue, tail rufous: *upper-wings* with a blue lunule between the ſpots.

Lichas. Black with a green gloſs; upper-wings with a green ſtreak in the midddle and a white dot behind it: abdomen black with 2 gold belts.
Inhabits *Arabia*; ſmall.
Antennæ pectinate with a gloſſy-green ſhaft: *thorax* black ſpeckled with green, the collar red; *lower-wings* black immaculate.

Fauſta. Both ſurfaces of the wings alike, red with black ſpots connected with the black margin.
Inhabits *Southern Europe*. *Eſp. Inſ.* 2. *tab.* 18. *fig.* 1.
Lower-wings red immaculate: *abdomen* black-blue with a red belt.

Infauſta. Wings brown; lower-ones red within: antennæ pectinate.
Inhabits *Southern Europe*. *Eſp. pap.* 2. *tab.* 35. *fig.* 4.
Thorax with a red collar.

Eriphia. Greeniſh; lower-wings black with a white band: antennæ pectinate.
Inhabits *Surinam*.
Abdomen greeniſh with a white dot each ſide at the baſe and 2 white ſtreaks beneath.

Flabelli-cornis. Wings oblong black; lower-ones ſlightly tailed, greeniſh at the baſe.
Inhabits *South America*. *Cramer.* 3. *tab.* 30. *fig.* E.
Antennæ blue: *head* red with a brown mouth and hind-margin: *abdomen* rufous with 4 lines of black ſpots.

Butus Wings ſhining green, darker at the tip: abdomen fulvous.
Inhabits *America*. In the muſeum of Dr. *Hunter*.
Antennae pectinate black: *head* and *thorax* greeniſh: *body* beneath fulvous: *tail* blackiſh.

Pugione. Blue dotted with white: wings red with a brown hind-margin.
Inhabits *America*. *Cram.* 4. *tab.* 45. *fig.* B.

Antennæ pectinate, red at the tip.
Larva hairy saffron with 2 lines of white dots each side, 4 tufts of hairs on the neck and 2 on the tail which are tipt with black: *pupa* very slightly folliculate and brown.

Eurocilia. Wings brown at the tip with a streak of white dots: antennæ pectinate.
Inhabits *America*. *Cramer*. 15. *tab*. 178. C.
Head black spotted with white: *thorax* testaceous with a yellow fore-margin and dot: *abdomen* testaceous with a dorsal streak of white dots, the sides black with a yellow streak: *upper-wings* testaceous at the base with a large yellow spot in the middle in which is a brown one: *lower-wings* red at the base the tip black with ferruginous streaks and white dots.

Pectinicornis. Brownish; wings violet with 2 white bands a little interrupted: collar red.
Inhabits *South America*. *Cramer*. 3. *tab*. 32. C, D.

Gyon. Wings brown; upper-pair with 2 yellowish spots; lower-ones with an abbreviated yellowish band.
Inhabits *Cayenne*.
Antennæ pectinate: *thorax* black with 4 white lines: *abdomen* black with 3 white lines: *upper-wings* with white lines at the base.

Ergetis. Wings black; upper-pair with a white band at the tip, thorax fulvous.
Inhabits *Madeira*; resembles the next.
Head black spotted with white: *abdomen* black margin of the *upper-wings* fulvous each side at the base.

Glaucopis. Wings blackish; upper-pair with an oblique snowy band.
Inhabits *Carolina*. *Cramer*. 27. *tab*. 322. D.
Antennæ pectinate: *body* black; *lower-wings* immaculate.

Erynnis. Wings black; upper-pair with an oblique testaceous band.
Inhabits *Surinam*. *Body* black.
Abdomen with 2 lines of white dots beneath.

Pylotis. Wings black; upper-pair with a snowy spot on both surfaces; lower-ones with a snowy spot beneath only.
Inhabits *Surinam*. *Cramer tab*. 370. F.
Antennæ pectinate: *head* and *thorax* black with a red collar:

abdomen black, the tail yellow villous: tip of the *upper-wings* whitiſh.

Sypilus. Wings black; upper-pair with an interrupted teſtaceous band; lower-ones teſtaceous at the baſe; abdomen dotted with blue.
Inhabits *America*. *Cramer*. 2. *tab*. 99. A.
Abdomen black with teſtaceous belts at the baſe, the tip dotted with blue.

Megæra. Wings black, both ſurfaces alike, upper-pair with 2 fulvous ſpots; lower-ones fulvous on the inner-margin.
Inhabits *Guiana*: ſmall.
Antennae of the male pectinate, of the female ſimple: *body* black: *head* fulvous.

Scyton. Wings whitiſh: abdomen black with yellow bands; tail red.
Inhabits *Amboina*. *Cramer*. 2. *tab*. 99. B:
Body whitiſh with a fulvous front: *upper-wings* with a brown blotch in the middle and ſtreak behind: *lower-wings* with a hyaline diſk.

Auge. Varied with red and blue, the ſides covered with red hair: wings tranſparent, black behind; antennæ pectinate.
Inhabits *America*. *Cram*. 17. *tab*. 198. E.
Antennae ſetaceous at the tip: back of the *thorax* and *abdomen* blue, the latter with a ſnowy ſpot at the baſe each ſide.

8-maculata Both ſurfaces of the wings alike, black with 2 yellow ſpots on the upper and 2 white ones on the lower-pair.
Inhabits *America*. In the muſeum of Dr. *Hunter*.
Head black, mouth and orbits yellow: *abdomen* black.

Capiſtrata. Wings black with 2 tranſparent bands on the upper-pair; lower-ones with a tranſparent diſk: abdomen red, black on the back.
Inhabits *America*.
Antennae black tipt with white: *thorax* black with 2 fulvous ſpots: *abdomen* ſerrate each ſide: *upper wings* with a tranſparent dot at the baſe.

Parthenii.

Parthenii. Black; wings hyaline with a black border; 2 dots on the thorax and sides of the abdomen red, the edges of the segments white.
Inhabits *South America.*
Antennae pectinate, white before the tip: *abdomen* beneath red with a white base and 2 lines of dots: *wings* with a black spot in the middle near the rib.

Columbina. Wings transparent with a black spot and border marked with red.
Inhabits *South America.*
Antennae pectinate: *head* black with 2 red dots: *thorax* black with white lines: *abdomen* black, the first segment red, the others with white and red belts.

Caudata. Wings yellow hyaline tipt with brown; body spotted with gold.
Inhabits *South America. Cramer* 1. 4. F. G.
Antennae pectinate: *body* brown with a gold line on the thorax and numerous dots on the abdomen: *upper-wings* with a brown spot in the middle: *tail* of the male very long and villous.

Diptera. Wings brown; upper-pair with 5 transparent spots; lower-ones very short with a yellow spot.
Inhabits *East India*: small.
Antennæ pectinate: *head* black, front yellow: *abdomen* black with 2 yellow bands.

Halterata. Wings hyaline with a brown spot; lower-ones very short filiform and black.
Inhabits *Brasil.* In the museum of Sir *Jos. Banks.*
Antennae pectinate: *body* black: *abdomen* above and beneath yellowish at the base.

Maja. Wings blue-black; abdomen dotted with white at the base: hind-legs compressed elongated and fringed.
Inhabits *America.* In the museum of Dr. *Hunter.*
Antennae slightly pectinate: *head* with a white dot each side under the antennæ; *thorax* and *breast* blue dotted with white: *wings* glossy-black with a blue base and band.

Tibialis. Upper-wings brown, lower-ones hyaline: hind-legs long and very hairy.
Inhabits *Africa. Drury Inf.* 2. *tab.* 28. *fig.* 2.
Antennae slightly pectinate.

Lalis.

dis. Black; upper-wings with a yellow dot at the base: abdomen with transverse yellow spots: hind-legs long.
Inhabits *Surinam* *Cam. Inf.* 7. *tab.* 83. E.
Abdomen above black dotted with white: *antennæ* pectinate.

Eunolphus. Dull yellowish; collar of the thorax and belt at the base of the abdomen snowy: antennæ thickened behind the middle and brown.
Inhabits *South American Islands.*
Antennæ yellowish, brown before the tip: *thorax* yellowish: *abdomen* yellowish, the first segment above 2 dots on the second and the third beneath snowy: *breast* brown with a white dot each side: *upper-wings* yellowish, darker at the tip: *lower-ones* dusky with a yellowish outer margin.

Paxhæan Upper-wings dusky; lower-ones yellow: antennæ pectinate black tipt with yellow.
Inhabits *South American Islands.*
Head black: *feelers* and dot between the antennæ fulvous: *thorax* black with a snowy dot at the base of the wings, 6 fulvous ones and a lateral line: *abdomen* violet, the first segment fulvous with a white spot at the base second beneath snowy, the rest fulvous at the margin.

Capys. Black; upper-wings tipt with white.
Inhabits *Surinam.* *Cram.* 5. *tab.* 56. *fig.* E.

Pholus. Black; wings yellowish at the base.
Inhabits *Africa.* *Drury Inf.* 2. *tab.* 28. *fig.* 3.

**Statices.* Upper-wings green blue: lower-ones brown.
Inhabits *Europe.* *Donovan* vi. *tab.* 204. *fig.* 2.
Larva blackish with 2 dorsal lines of whitish lunules.

Pruni. Green-blue; lower-wings black.
Inhabits *Austria.* *Wien. Verz.* 308. 12.
Larva hairy brown, the back flesh-colour with a line of black dots.

Acharon. Blue; wings brown; tail rufous.
Inhabits *New Holland.* In the museum of Sir *Jo* . *Banks.*

Styx. Body and wings blue; thorax rufous.
Inhabits *Africa.*

Thoas. Upper-wings brown; lower-ones black with semitransparent disk; collar red.
Inhabits *India.*
Abdomen blue: *upper-wings* whitish at the tip.

73. PHALÆNA. *Antennæ* gradually tapering from the baſe to the tip: *tongue* ſpiral: *jaws* o: *wings*, when at reſt, generally deflected: *flight* nocturnal. *Moth.*

Theſe fly abroad only in the evening and during the night, and feed on the nectar of flowers: the *larva* is active and quick in motion, moſtly ſmooth, more or leſs cylindrical, and preys voraciously on the leaves of various plants: *pupa* quieſcent, more or leſs cylindrical, pointed at the tip or at both ends, and is generally incloſed in a follicle. They are divided into,

Bombyx. *Antennæ* filiform; *feelers* 2, compreſſed reflected: *tongue* ſhort membranaceous obtuſe bifid: *larva* 16-footed, often hairy; *pupa* pointed at the tip.

a. Wings expanded.
b. Wings reverſed.
c. Wings deflected.
d. Wings incumbent.
e. Wings convolute.

Geometra. *Antennæ* filiform: *feelers* cylindrical: *tongue* projected, membranaceous ſetaceous bifid: *larva* 8—10 footed, 6 of which are pectoral, 2 caudal, and ſometimes 2 ſubcaudal: *pupa* pointed at the tip.

a. Antennae pectinate.
b. Antennæ ſetaceous.
c. Wings forked, connivent.

Noctua. *Antennæ* ſetaceous: *feelers* compreſſed hairy, the tip cylindrical and naked: *tongue* projecting horny ſetaceous bifid: *larva* 16—footed: *pupa* pointed at the tip.

a. Wings expanded.
b. Wings flat incumbent; thorax ſmooth.
c. Wings flat incumbent; thorax creſted.
d. Wings deflected: thorax ſmooth.
e. Wings deflected; thorax creſted.

Hyblæa.

Hybl.ea. *Antennæ* ſetaceous: *feelers* projecting, compreſſed, dilated in the middle: *lip* projecting, acute.

Hepialus. *Antennæ* moniliform: *feelers* 2, reflected hairy, between which is the rudiment of a bifid tongue: *larva* 16—footed, feeding on the roots of plants: *pupa* folliculate cylindrical and pointed at the tip.

Coſſus. *Antennæ* ſhort filiform: *feelers* 2, very ſhort cylindrical reflected: ſpiral *tongue* 0.

Pyralis. *Antennæ* filiform: *feelers* 2, equal, almoſt naked. cylindrical at the baſe, the middle dilated into an oval, and ſubulate at the tip: *tongue* projected ſetaceous bifid: *wings* very obtuſe and ſlightly curved at the exterior margin: *larva* 16—footed and rolling up the leaves to which it attaches itſelf.

Tinea. *Antennæ* ſetaceous: *feelers* 4, unequal: *larva* found in houſes among linnen and woollen cloths and furniture, in which it eats holes and to which it is very deſtructive.

Alucita. *Antennæ* ſetaceous: *feelers* 2, divided to the middle, the inner diviſion very acute.

Pterophorus *Antennæ* ſetaceous: *feelers* 2, linear naked: *tongue* exſerted membranaceous bifid: *wings* fan-ſhaped, divided down to the baſe and generally ſubdivided as far as the middle: *larva* 16—footed ovate hairy: *pupa* naked ſubulate at the tip.

Bombyx.

Bombyx.

a. *Wings expanded.*

Atlas. Wings falcate varied with yellow white and ferruginous, with a traſparent ſpot on each, that on rhe upper-pair with a contiguous ſmaller one.
Inhabits *America* and *Aſia*. *Merian. Sur.* 52. *tab.* 52. *Nat. Miſcell. tab.* 2. *Cram. tab.* 381, C.
Lower-wings with a yellow ſtripe before the margin incloſing a chain of black dots.
Larva verticillate with hairy tubercles and ſpins a web of very ſtrong yellowiſh ſilk.

Heſperus. Wings falcate varied with white yellow and ferruginous, with an ovate tranſparent ſpot on each: lower-ones rounded.
Inhabits *America*. *Merian Surin. tab.* 65. *fig.* 65. *Natural. Miſcell. tab.* 230. *Cram. tab* 68. A.
Larva entire glabrous.

Aurotus. Wings falcate, both ſurfaces alike, yellowiſh with a whitiſh band and tranſparent lunule on the diſk.
Inhabits *America*. In the muſeum of Dr. *Hunter*.
All the *wings* with a whitiſh ſtreak or two at the baſe, in the middle a large hyaline lunule and behind this a yellow one, then a broad whitiſh band: on the tip of the *upper wings* is a black ocellar ſpot with a white lunule.

Cecropia. Wing grey with a fulvous band; upper-pair with a ſubhyaline ferruginous eye.
Inhabits *America*. *Cram. tab* 42. A. B. *Catesb. tab.* 86.

Irius. Wings pale orange; upper-pair with a tranſparent ſpot; lower ones with a black eye, the pupil tranſparent.
Inhabits *India*. In the Collection of Mr. *Francillon*.

Saturnus. Wings grey with a tranſparent triangular ſpot; lower-ones with a black eye, the pupil half cloſed.
Inhabits *India*. In the Collection of Mr. *Francillon*.
Eye on the *lower-wings* with a fulvous iris and a minute white oblong tranſparent pupil: *lower-wings* beneath cinereous at the baſe with a round brown ſpot: then a band and a lunule in the middle.

Papilio.

Paphia. Wings falcate, both ſurfaces alike, yellow with rufous ſtreaks and tranſparent eye.
Inhabits *Aſia. Petiv, Gaz. tab.* 29 *fig* 3.
Eye on the *upper-wings* with a ſulphur iris and tranſparent pupil, that on the *lower-wings* with a blue iris.

Polyphemus. Wings falcate yel'owiſh-grey with a central ocellate tranſparent eye on each, that on the lower-pair large and blueiſh.
Inhabits *America. Cram.* 1. *tab.* 5. A. B.
Naturaliſt's Miſcellany. x. *tab.* 376.
Upper wings with 2 curved tranſparent ſtreaks and marginal band: *lower-wings* with a brown marginal band.
Larva green: *pupa* yellowiſh brown.

Dione. Wings yellow with 2 ſtreaks, the anterior of which is interrupted and fleſh-colour, and a tranſparent eye.
Inhabits *Guinea. Body* yellow.
The eye on each *wing* is yellow with a black iris and a larger fleſh-colour one, the pupil tranſparent.

Cytherea. Wings grey with cinereous ſtreaks and a tranſparent eye.
Inhabits the *Cape of good hope. Cram. tab.* 302. A, B.
Antennæ pectinate ferruginous: *wings* ſlightly falcate; the eye between the ſtreaks ſulphur with a black iris ſurrounded with a white ring, the pupil large and tranſparent.

Mylitta. Wings falcate yellow with a ferruginous ſtreak and divided tranſparent eye.
Inhabits *India. Cram.* 13. *tab.* 146. A.
Eye on the *wings* divided by a raiſed ferruginous nerve, the iris grey ſurrounded on the fore-part with ferruginous and a white lunule on the hind-part with black.

Prometheæ. Wings ſlightly falcate edged with grey: upper-pair with a black eye each ſide.
Inhabits *America. Cram. tab* 75. A, B. *(M.) tab.* 76, A, B. *(F)*
Wings of the *male* black, of the *female* ferruginous.
Larva green dotted with black, with 4 red ſpines before.

Erythrinæ. Wings browniſh with a waved pale ſtreak.
Inhabits *America Cramer. tab.* 197. A. B. *Merian. t.* 11.
Larva yellowiſh with black ſpiracles, 4 black ſpines on the collar and 2 near the tail.

Conſpicillator. Wings falcate; upper-pair brown with a paler ſigmoid ſtreak; lower-ones black with a large red eye.
Phal. Auguſta. *Natural. Miſcell.* viii, *tab.* 300.
Inhabits *Amboina.* In the *Britiſh Muſeum.*
Lower-wings with a very large red ſpot in the centre of which is a white one.

Janus. Upper-wings variegated, with a black eye beneath; lower-ones red with a black eye.
Inhabits *Surinam. Cram.* 6. *tab.* 64. A. B.
Eye on the *upper-wings* with an oblong white pupil; that on the *lower-wings* with a lunate white pupil, the tip pale beneath cinereous.

Certhia. Wings rounded brown, the tip cinereous with white and brown waves.
Inhabits *Chuſan. Peſiv. Gazoph. tab.* 18. *fig.* 3.
Body brown with cinereous collar and ſides.

Megæra. Upper-wiugs blue ſpotted with white; lower-ones white in the middle, the tip blue with yellow waves.
Innabits *North America.*

Hippodamia Wings ſlightly falcate, brown with a paler margin in which is an interrupted white ſtreak on the upper-pair.
Inhabits *Surinam. Cram.* 11. *tab.* 126. B.
Upper-wings with a blue ſubocellar dot near the tip.

Nictitans. Wings brown fleſh-colour; lower-pair with a ferruginous eye, the pupil tranſparent.
Inhabits *Africa.* In the muſeum of Sir. *Joſ. Banks.*
Lower-wings rounded, with a large eye ſurrounded with a brown and fleſh-colour ring: beneath all duſky with a darker ſtreak: *female* larger, the eye black.

Semiramis. Wings with very long tails, of various colours with a tranſparent dot on each.
Inhabits *America. Cram.* 2. *tab.* 13. A.
Wings yellow at the baſe, the tip of various colours with a triangular hyaline dot, lower-ones fulvous at the baſe with a round hyaline dot: *wing-tail* thrice as long as the body, brown tipt with white.

Boreas. Wings tailed cinereous varied with brown; upper-pair with 2, lower-ones with a ſingle tranſparent dot.
Inhabits

Inhabits *America*. *Cram. Inf.* 6. *tab.* 70. B.
Upper-wings falcate: *lower-ones* tailed.

Luna. Wings tailed, both ſurfaces alike, pea-green with a tranſparent lunule eye on each.
Inhabits *North America*. *Cram.* 1. *tab.* 2. A.
Natur. Miſcell. viii. *tab.* 264. *Catesby. tab.* 84,
Upper-wings with a dark brown rib which extends acroſs the thorax: *body* covered with white wool.

Epimethea. Wings tailed browniſh with a white ſtreak; lower-ones with a fulvous eye on the diſk.
Inhabits *Guinea*. *Cramer.* 15. *tab.* 176. A.

Argus. Wings tailed pale ferruginous with numerous tranſparent ocellar dots; tail very long.
Inhabits *Africa*. *Cram.* 3. *tab.* 29. *fig.* 1.
Body pale ferruginous: *antennæ* pectinate black: dots on the *wings* ſurrounded with a fulvous and black ring: *wing-tails* thrice as long as the body, ferruginous with paler tips.

Feneſtra. Both ſurfaces of the wings alike, yellow with 2 tranſparent ſpots on the upper-pair and one on the lower.
Inhabits *India*. *Clerk. Icon. tab.* 55. *fig.* 1.

Penelope. Wings yellowiſh ſpeckled with brown, a tranſparent central eye on each.
Inhabits *India*. *Cramer.* 4, *tab.* 45, A.

Tyrrhea. Wings grey with white ſtreaks and a central black eye, the pupil tranſparent.
Inhabits the *Cape of good hope*. *Cram.* 4. *tab.* 46. A,
Antennæ pectinate: *thorax* grey with a white ſtreak before: *abdomen* ſubteſtaceous: *lower-wings* teſtaceous at the baſe, the eye with a yellowiſh iris.

Perſpicua. Wings brown; upper-pair with a ſhort tranſparent band.
Inhabits *India*.

Armida. Wings yellow with violet ſpecks ſpots and ſtreak behind.
Inhabits *Cayenne*.
Antennæ yellow: *thorax* yellow with a violet ſpot on the back: *abdomen* yellow, the firſt ſegments with a violet dorſal ſpot: *wings* beneath yellow with a violet ſpot in the middle.

Militari

Militaris. Both ſurfaces of the wings alike, yellow with violet tip and ſpots; upper-pair ſpotted outwardly with white.
Inhabits *Aſia* and *China*. *Cramer.* 3. *tab.* 29. B.

Caſtalia. Wings rounded white; upper-pair with an eye; lower-ones with a brown dot
Inhabits *New Holland*. In the muſeum of Sir. *Joſ. Banks.*
Thorax brown: *breaſt* white: *abdomen* above grey, beneath white with lateral black dots: *upper-wings* brown at the baſe, the middle whitiſh with a large blue eye ſurrounded with a black ring, then brown, the hind-margin cinereous with 2 waved brown ſtreaks,

* *Pavonia.* Wings rounded clouded with grey and barred with grey beneath, each of them with a nictitant ſemitranſparent eye.
Inhabits *Europe*. *Donovan.* 1. *tab.* 1, and viii. *tab.* 253.
Antennae of the male, more pectinate and the *lower-wings* yelowiſh at the baſe.
Larva gregarious green, verticillate with red or yellow hairy protuberances: *pupa* blackiſh folliculate with an elaſtic aperture at the tip.
This inſect is ſubject to ſome varieties in ſize and the diſpoſitions of its markings.

Achelous. Wings ferruginous; all of them with a white band and the upper-pair with a white dot.
Inhabits *America*. *Cramer.* 10. *tab.* 101. A.
Behind the white band is an indented brown one.

Argulata. Wings ſcalloped indented; lower-ones truncate and very obtuſe.
Inhabits *Surinam*. *Cramer.* 6. *tab.* 61. E, F.
Upper wings above brown at the baſe, the tip ferruginous: *lower-wings* ſubferruginous. Beneath cinereous at the baſe ſpeckled with rufous, the tip rufous.

Liberia. Upper-wings cinereous or reddiſh with darker ſpots and ſtreaks; lower-ones fulvous with a black eye.
Inhabits *Surinam*. *Cramer.* 23. *tab.* 268. F, G.
Lower-wings with a paler margin on which is a large eye with blue ſpecks and cinereous iris.

* *Tau.* Wings teſtaceous with a ſubviolet eye, the pupil white and arrow ſhaped.
Inhabits *Europe*. *Roeſ. Inſ.* 4. *tab.* 7. *fig.* 3, 4.

Larva

Larva green with oblique lateral white ſtripes, the back warty: *pupa* cheſnut-brown hairy.

Io. Wings yellow; upper-pair with a black eye beneath; lower-ones with one above, the pupil white
Inhabits *America*. In the muſeum of Dr. *Hunter*.
Antennæ yellowiſh, very much pectinate: *head* and *thorax* hairy yellow: *upper-wings* with a ferruginous ſpot in the middle, beneath a rufous ſtreak behind the eye: *lower-wings* with a ſemicircular black ſtreak and another ferruginous one behind the eye, beneath a ferruginous ſtreak.

Atlas. Wings brown; lower-ones cinereous with a rufous eye.
Inhabits *Surinam* *Cramer.* 7. *tab.* 77. *fig.* A. B.
Eye in the middle of the *lower-wings* with a black iris and white pupil.

Salmonea. Upper-wings brown with a black ſtreak: lower-ones rufous with a black eye in which is a white lunule.
Inhabits *Surinam* *Cramer.* 14. *tab.* 162. A.
Body brown: *abdomen* with rufous rings: *upper-wings* with 2 tranſverſe rufous lines in the middle and a black ſtreak behind: *lower-wings* with a large black eye, the iris yellow, the pupil lunate, behind this is a thin black ſtreak and a broader ferruginous one: all beneath with a central white dot.

Proſerpina. Wings rounded black with a white band in which is a ſub-ocellar black ſpot.
Inhabits *America*. *Cramer.* 2. *tab.* 98. A.
Thorax black with a pale band before: *abdomen* black, the tail reddiſh: ſpot on the *wings* with a lunate white pupil.

b. *Wings reverſed.*

Populifolia. Wings teſtaceous indented, with numerous brown lunules.
Inhabits *Auſtria*. *Wien. Verz.* 310. 5
Thorax teſtaceous with a black dorſal line: *lower-wings* half-covered, paler at the tip.

Quercifolia. Wings indented ferruginous; mouth and ſhanks black.
Inhabits *Europe*. *Albin.* 1. *tab.* 26. *Merian. Eur. tab.* 1. *fig.* 3.
Larva ſlightly tailed hairy ferruginous with blue collars: *pupa* folliculate brown with red bands.

Ilicifolia. Wings half-covered ſerrate grey, the hind-margin dotted with white.
Inhabits *Europe*. *Degeer Inſ.* 1. *tab.* 14. *fig.* 7—9.

Larva

Larva cinereous with fulvous ſpots on the neck: *pupa* folliculate cheſnut-brown.

Promula. Wings ſlightly indented brown immaculate: abdomen cheſnut-brown.
Inhabits *Java. Cramer.* 6. *tab.* 72. D.
Antennæ pectinate, cheſnut-brown: *lower-wings* ſlightly indented.

Caffandra. Wings ferruginous with darker-ſtreaks; thorax cheſnut-brown on the fore-part.
Inhabits——In the muſeum of *Dr. Hunter.*
Head teſtaceous: *antennæ* ſlightly pectinate pale: *thorax* cinereous behind; *upper-wings* indented: *lower-ones* cinereous.

Capenſis. Wings pale red: upper-pair with 2 flexuous ſtreaks, the poſterior of which is joined to a black one.
Inhabits *Africa. Abdomen* yellow.

Orientalis. Wings teſtaceous with 3 ferruginous ſtreaks, beneath a ſingle one.
Inhabits *Eaſt India*; large hairy.

Alucc. Wings brown cinereous at the tip.
Inhabits the *Cape of good hope*; large.
Abdomen covered with ferruginous hairs, all the *wings* beneath ferruginous with numerous cinereous ſpecks.

Auſtralaſiae Wings orange red; lower-ones beneath ferruginous at the baſe.
Inhabits *New Holland.* In the muſeum of Sir *Joſ. Banks.*
Feelers large, obtuſe: *body* pale orange.

Quadricinc-ta. Wings cheſnut-brown with 4 pale ſtreaks.
Inhabits *Eaſt India*: large,
Antennæ pectinate: *lower-wings* immaculate.

**Fagi.* Wings reddiſh-cinereous with 2 linear flexuous yellow bands.
Inhabits *Europe. Albin. tab.* 58. *Roes. Inſ.* 3. *tab.* 12.
Larva cheſnut-brown, toothed on the back, the 6 fore-legs longer, tail reflected with 2 ſhort horns: it reſts with its head and tail raiſed up and its fore-legs hanging down; *pupa* folliculate, cheſnut-brown.

**Trifolii.* Wings ferruginous; upper-pair with a pale ſtreak and white dot: lower-ones immaculate.

Inhabits

Inhabits *Europe*. *Linnean Tranſ.* iii. *p.* 3. *tab.* 2. *fig.* 1. 2. 3. 4. *Roes. Inſ.* 1 *Phal.* 2. *tab.* 35. a. *fig.* 4. 5. 5. *Eſp. Ph* 3. *t* 15.
Larva ſolitary hairy pale ferruginous with a blackiſh band, a red collar and white lateral line: *pupa* folliculate yellow before, ferruginous behind.

Quercus. Wings dark brown (ferruginous) with a yellow band: upper-pair with a central white dot.
Inhabits *Europe*. *Donovan.* iii. *tab.* 103, 104.
Male dark-brown: *female* pale ferruginous, the white dot ſurrounded with a black ring.
Larva hairy grey annulate with black and marbled on the ſides: *pupa* folliculate green, brown before.

Stigma. Wings teſtaceous ſpeckled with brown and with a central ſnowy dot.
Inhabits *America*. In the muſeum of Dr. *Hunter*.
Upper wings with an oblique brown ſtreak behind; all beneath teſtaceous with a brown ſtreak and ſpecks.

Luſca. Wings ferruginous; upper-pair with a black ſpot in the middle in which is a white lunule.
Inhabits *Coromandel*.
Antennæ ſhort very much pectinate: *thorax* with a darker ſtreak in the middle: *upper-wings* with a ſtreak of brown dots near the margin: *lower-wings* and all beneath immaculate.

Prani. Wings indented yellow with 2 brown ſtreaks and a brown dot.
Inhabits *Europe*. *Roeſ. Inſ.* 1 *Phal.* 2 *tab.* 36.
Larva ſmooth cinereous with blue lines, the neck and ſides with faſciculate hairs; hind-legs projecting diſtant: *pupa* folliculate, black before pale ferruginous behind.

Amphimone Wings entire pale aſh with 2 black ſtreaks; upper-pair with a fulvous dot in the middle.
Inhabits *Terra del Fuego*. In the muſeum of Sir *Joſ. Banks*.
Antennæ pectinate brown: *body* fulvous: *thorax* with 2 black lines: *abdomen* with black belts: *wings* beneath with a ſingle ſtraight ſtreak.

Potatoria Wings ſlightly indented yellow-brown with an oblique fulvous line and 2 white dots on the upper-pair.
Inhabits *Europe*. *Donovan.* v. *tab.* 148. *Albin.* 1. *tab.* 17.
Larva tailed creſted hairy dark brown ſpeckled with white: *pupa* folliculate dark brown: *eggs* oblong lead-colour with a green ring at each end and a dot in the middle.

Oculatissima. Wings white with numerous black ocellar dots.
Inhabits *America.* In the museum of Dr. *Hunter.*
Antennæ filiform black: *head* white with a brown dot each side under the antennæ: *thorax* white with 12 ocellar dots 2,4,6. two of them large and flexuous: *abdomen* above black, beneath white with red sides.

Punctatissima. Wings and body snowy dotted with white: thorax with 2 black lunule each side
Inhabits *America. Smith's Lepidopt. Inf. of. Georgia.*

Pithecium. Wings clouded with brown, a palmate spot on the disk acute-angled at the base.
Inhabits *America. Smith's Lepidopt. Inf. of Georgia.*

Hibisci. Both surfaces of the wings alike, yellow with 2 brown streaks on the upper and one on the lower pair.
Inhabits *India*; on the Hibiscus populneus.
Body yellowish: *thorax* yellow on the fore-part.

Cynera. Wings yellow with 2 brown streaks, and 3 connected brown rings on the upper-pair.
Inhabits *Surinam. Cramer.* 13. *tab.* 152. C.

Opercularis Wings yellow, the anterior margin and disk brown with numerous anastomosing whitish lines.
Inhabits *America. Smith's Lepidopt. Inf. of Georgia.*

Pyxidifera. Wings yellow, the disk with numerous brown and black flexuous patches.
Inhabits *America. Smith's Lepidopt. Inf. of Georgia.*

* *Pini.* Wings grey speckled with brown, with a ferruginous band and base and triangular white dot.
Inhabits *Europe. Donovan.* v. *tab.* 177. 178.
Merian Europ. tab. 22. *Wilker* 29. *tab* 3. b. 5.
Female pale ferruginous where the male is grey.
Larva slightly tailed varied with white grey and brown, 2 blue collars with rufous dots each side: *pupa* folliculate, dark brown.

Velleda. Wings black with white nerves; the margin with 4 white streaks.
Inhabits *America. Smith's Lepidopt. Inf. of Georgia.*

* *Dumeti.* Wings brown; upper-pair with a yellow dot band and hind-margin.
Inhabits

Inhabits *Europe*. *Esp. Phal.* 3. *tab.* 14. *fig.* 3. 4.
Larva brown with yellow dots and tranſverſe black ſpots: *pupa* cheſnut-brown, the tail toothed.

* *Verſicolora.* Upper-wings grey varied with brown and tranſverſe black and white lines; lower-ones ferruginous.
Inhabits *Europe*. *Donovan.* v. *tab.* 158. *Wilkes.* 45. *tab.* 1.
Upper-wings with 3 white ſpots at the extreme angle: *female* paler
Larva ſlightly tailed, greeniſh with yellow dots and oblique yellow lines.

* *Rubi.* Wings fawn-colour with 2 whitiſh ſtreaks which are wanting beneath.
Inhabits *Europe*. *Donovan.* 2. *tab.* 69. *Roeſ.* 3. *tab.* 49.
Larva hairy, beneath black, above ferruginous with black rings: the younger ones ſilky, black with rich blue rings; *pupa* follieulate blackiſh with 3 yellow rings.

Lunigera. Wings black with 2 whitiſh ſtreaks and a ſnowy lunule in the middle.
Inhabits *Europe*. *Act. Haffn.* 2, 2, 98, 1. *tab.* 2. *fig.* 1.

* *Vimula.* Wings grey with blackiſh waves and ſtreaks: thorax and abdomen grey ſpotted with brown.
Inhabits *Europe*. *Donovan.* iii. *tab.* 85. *Albin.* 11. *tab.* 5.
Merian Europ. tab. 39. *fig.* 140. *Roeſ.* 1. *phal.* 2. *tab.* 19.
Larva ſolitary gibbous green with a brown back, tail with 2 long briſtles; from an aperture under its head it diſcharges an acrid moiſture: *pupa* follieulate dark brown.

* *Laneſtris.* Wings ferruginous with a white ſtreak and 2 dots on the upper-pair.
Inhabits *Europe*. *Donovan.* vi. *tab.* 210. *Roeſ. Phal.* 2. *tab.* 62.
Larva gregarious hairy black, each ſegment with 3 white dots between 2 red tufted ſpots: *pupa* follieulate ſulphur: *eggs* covered with a thick cinereous wool.

Rubicunda. Upper-wings roſy with a broad yellow band.
Inhabits *Virginia*.
Antennae yellow pectinate, naked at the tip: *body* yellow: *lower-wings* yellowiſh with a roſy ſhade.

* *Populi.* Brown, the fore-part pale: wings browniſh with a flexuous whitiſh ſtreak and contiguous ſmaller one.
Inhabits *Europe*. *Roeſ.* 1. *phal.* 2. *tab.* 60. *Wilkes.* 23. *t.* 3. a 13.

Larva cinereous darker on the back, each segment with 2 pair of red dots: *pupa* folliculate, brown before and red behind.

Catax. Wings ferruginous uniform with a white dot.
Inhabits *Europe*. *Esp. Phal. tab.* 16. *fig.* 1—3.
Larva cinereous with 2 dorsal black lines dotted with red: *pupa* folliculate, chesnut-brown before and brown behind.

Everia. Wings yellow (fem. chesnut-brown) with a white dot and paler at the tip
Inhabits *Germany*. *Esp. Bomb.* 3. *tab.* 6——9.
Larva gregarious hairy, chesnut-brown with black incisures and lateral blue spots with sulphur dots: *pupa* folliculate yellowish.

**Processionea.* Wings cinereous-brown, with a single darker streak on the female and 3 on the male.
Inhabits *Europe*: *Reaum. Inf.* 2. *tab.* 11.
Larva gregarious hairy, brown-ash with a blackish back and yellow warts: the skin which is cast off is said to produce inflammation if touched.

Pithyocámpa. Wings grey with 3 darker streaks: lower-ones pale with a brown dot near the tail.
Inhabits *Austria*. *Wien. Verz.* 58. 11.
Body hairy grey: *abdomen* yellowish.
Larva hairy blueish with yellow spots on the back, head black.

Varia. Wings brown with waved paler streaks.
Inhabits *Austria*. *Lower-wings* immaculate.

Mori. Wings pale with 3 obsolete brown streaks. *Silk-worm.*
Inhabits *China*, on the Mulbery-tree, and was introduced into *Europe* in the Reign of the Emperor Justinian: the fine silky threads which compose the follicle of the pupa is converted into that valuable article of commerce and luxury silk.
Merian. Europ. 1. *tab.* 1. *Albin. tab.* 12. *fig.* 16.
Bradl Nat. tab. 27 *fig* 1 *Roes.* 3. *tab.* 7. 8.
Larva tailed naked whitish: *pupa* folliculate reddish-brown.

Tricolora. Upper-wings snowy with a scarlet rib and a streak of black dots; lower-ones scarlet: thorax snowy with red dots.
Inhabits *Cayenne*.
Head scarlet: *antennæ* pectinate black: *abdomen* scarlet: all the *wings* beneath scarlet.

Farr.

Ferruginea. Wings ferruginous immaculate.
Inhabits *Italy*.
Head and *thorax* ferruginous: *abdomen* brown.

**Neustria.* Wings pale buff-colour with 2 ferruginous streaks and only one beneath.
Inhabits *Europe*. *Donovan.* iii. *tab.* 95. *Alb.* 19. *fig.* 27. *Wilks. pap.* 21. *tab.* 3, a. 10.
In Mr. *Donovan's* plate there is only one broad darker band.
Larva gregarious glaucous with a white line down the back and 3 red ones on the sides: *pupa* folliculate brown.

**Castrensis* Wings dusky with 2 paler bands.
Inhabits *Europe* *Degeer. Inf.* 1. *tab.* 13. *fig.* 4—6.
Larva gregarious hairy, blue with red lines and spotted with black: *pupa* folliculate dusky.

Americana. Wings whitish with patches of brown.
Inhabits *North America*.
Antennae pectinate white: *lower-wings* and all beneath immaculate.

Franconica. Wings hyaline whitish with a pale streak and black border.
Inhabits *Austria*: on the Triticum repens.
Head and *thorax* hairy yellowish: *abdomen* brown.
Female chesnut brown with only a darker lunule in the middle of the upper-wings.

Taraxaci. Wings pale, both surfaces alike; upper-pair with a brown dot in the middle: body fulvous.
Inhabits *Austria*. *Fyess. Arch. tab.* 34.
Body hairy fulvous, blackish on the back.
Larva hairy black with abbreviated yellowish bands: *pupa* naked, chesnut brown 2 spined at the tip.

Ilicis. Wings dull grey with a white band in which is a waved grey streak.
Inhabits *France*, on the Oak.
Body grey: *abdomen* yellowish above: *lower-wings* whitish.
Larva green with a blue dorsal line edged with yellow and a yellow lateral line: *pupa* black.

Mali. Wings cinereous with a sinuate darker band in which is a a black dot.
Inhabits *Germany*. *Reaum. Inf.* 1. *tab.* 44 *fig.* 7—10.

Antennae

Antennae pectinate : *upper-wings* with a broad darker band terminating before and behind in a sinuate black streak : *lower-wings* and all beneath darker with a brown streak in the middle.

Larva solitary hairy, chesnut-brown with a paler dorsal line and blue stigmata.

Hieracii. Wings entire sooty black.

Inhabits *Europe*, on the Delphinium Hieracium.

Larva hairy black with a red dorsal line, and secretes itself within a follicle which it makes of dry leaves and straws : *pupa* folliculate rusty-brown.

Apiformis. Wings sooty-black ; body covered with ferruginous hairs.

Inhabits *Italy* ; small.

Antennae black, much pectinate : all the *wings* sooty.

c. *Wings deflected.*

Lagopus. Wings yellowish with brown specks and 2 streaks: fore-legs projecting and very hairy.

Inhabits *China* : *body* very large.

Antennae slightly pectinate : *thorax* smooth browniſh : between the streaks on the *upper-wings* are 2 brown spots, one round the other kidney-shaped.

Imperatoria. Wings yellow spotted with brown, all of them with a subocellar ferruginous spot.

Inhabits *India*. *Drury. Inf.* 1. *tab.* 9. *fig.* 1. 2.

Thorax hairy yellow varied with brown : *abdomen* yellow, the back brown with yellow dots.

Senatoria. Wings brown-testaceous with a brown streak ; upper-pair with a central snowy dot.

Inhabits *America*. *Smith's Lepidopt. Inf. of Georgia.*

Pellucida. Wings brown-testaceous with a purple outer-margin; upper-pair with a central snowy dot.

Inhabits *America*. *Smith's Lepidop. Inf. of Georgia.*

Craſſicornis Wings cinereous with brown specks and waved streaks.

Inhabits *India*: large.

Antennae pectinate flexuous very thick at the base : *lower-wings* cinereous immaculate. Beneath all cinereous with a brown streak.

Hyphinæ

Hyphinoe. Wings blue; upper-pair ſpotted with yellow.
Inhabits *Amboina*. *Cramer.* 13. *tab.* 154. B.
Body dull blue: *lower-wings* blue with a fine yellow edge.

Cyane. Wings black with hyaline ſpots; lower-ones with fulvous lunules.
Inhabits *Amboina*. *Cram.* 23. *tab.* 267. *D.*
Antennae pectinate: *abdomen* brown with teſtaceous rings: *lower-wings* with a white hyaline band in the middle and 5 lunules behind.

Regalis. Wings grey-brown with fulvous veins and yellow ſpots.
Inhabits *North America*.
Antennae pectinate ſetaceous at the tip: *thorax* fulvous, yellow on the fore-part with a fulvous band and 2 yellow dorſal lines: *abdomen* fulvous, the edges of the ſegments yellow: *lower-wings* fulvous with a yellow baſe, beneath yellow with a fulvous dot in the middle and ſtreak behind.

**Diſpar?* Upper-wings of the male dark-brown with blackiſh flexuous bands, of the female whitiſh with tranſverſe flexuous brown lines.
Inhabits *Europe*. *Donovan.* v. *tab.* 163. *Merian.* 1. *tab.* 18.
Larva hairy with white lines and blue ſpots on the fore-part, red ones behind; when handled cauſes an unpleaſant itching on the ſkin: *pupa* folliculate with 4 black dots before.

Lantanae. Wings ſnowy with 3 or 4 ſtreaks of connected brown rings.
Inhabits *America*. *Cramer. tab.* 181. E.
Antennae pectinate: *mouth* black: *head* ſnowy: *thorax* ſnowy with 3 pair of black dots: *wings* hyaline at the tip: *abdomen* above fulvous with 2 lines of black dots, beneath ſnowy (male.) *head* and *thorax* ſnowy immaculate: *abdomen* above yellow, beneath ſnowy (female.)

Amaſis. Wings whitiſh with black ſtreaks; lower-ones yellow ſpotted with black: abdomen black with red belts.
Inhabits *Surinam*. *Cramer.* 18. *tab.* 206 B.
Head and *thorax* whitiſh ſpotted with black: *abdomen* with 5 red belts, the tail yellow: *upper-wings* with 3 angular black ſtreaks.

**Pudibunda* Wings cinereous with 3 waved brown ſtreaks.
Inhabits *Europe*. *Donovan.* v. *tab.* 160. *Merian.* 1. *tab.* 47.
Upper-wings with 2 brown ſpots at the tip and a ſhort brown line between the 2 firſt ſtreaks.

Larva

Larva tufted hairy yellow, tail with a long red tuft and 4 white ones on the back: *pupa* folliculate brown before, pale chesnut behind, and spotted with yellow.

**Fascelina* Wings cinereous with black specks and 2 flexuous fulvous streaks

Inhabits *Europe*. *Merian. Eur. tab.* 8. *Degeer.* 1. *tab.* 15. *fig.* 15.
Larva hairy fasciculate dotted with red, 5 of the tufts on the back white, those of the head and tail brown: *pupa* folliculate pale chesnut with a paler dorsal line.

Leucophæa. Wings brown, upper-pair with a broad whitish streak, a black line at the base and a white dot at the hind-angle.

Inhabits *America*. *Smith's Lepidopt. Inf. of Georgia.*

Leucostigma Wings grey; upper-pair with black streaks and lines and a white lunule at the hind-angle. Female apterous.

Inhabits *America*. *Smith's Lepidopt. Inf of Georgia.*

**Bucephala* Wings grey with 2 double brown flexuous streaks and a large yellow spot at the tip.

Inhabits *Europe*. *Donovan.* i. *tab.* 3. *Albin. tab.* 23. *f.* 33.
Merian. Europe. 3. *tab.* 41. *Degeer.* 1. *tab.* 13. *f.* 14——19.
Larva hairy black with yellow lines and rings and white lateral dots: *pupa* naked dark brown with 2 horns before.

Helops. Wings clouded; lower-ones pale-chesnut; abdomen chesnut-brown annulate with white

Inhabits *America*. *Cramer.* 6. *tab.* 72. C.
Upper-wings brown with ferruginous clouds.

Oleagina. Wings slightly tailed green-brown with 2 white spots, the anterior pupillate the hind-one larger.

Inhabits *Germany*. *Wien, Verz.* 59. 21.
Antennae pectinate ferruginous with a white shaft: *lower-wings* whitish edged with brown.
Larva 4-toothed, behind cinereous with black and red indentations, collar red with black dots.

**Cæruleocephala.* Wings brown marbled with blueish and a double irregular whitish spot.

Inhabits *Europe*. *Donovan.* iii. *tab.* 100. *Merian. Eur.* 1. 9.
Lower-wings grey with a brown streak.

Larva

Larva naked blueish with a yellow line down the sides and dotted with black: *pupa* folliculate pale chesnut.

Argentina. Wings toothed on the back, grey with 2 silvery spots, the anterior heart-shaped.

Inhabits *Germany*. *Panz. Fn. Germ.* 2. *tab.* 18.

Wings with a strong erect tooth on the back: *upper-wings* with 3 dots before the spots.

Larva naked grey, the segments 4. 11. 12. tuberculate: *pupa* obtuse pale chesnut.

Decora. Upper-wings variegated with red yellow and black; lower-ones red edged with black.

Inhabits the *Cape of good hope*. *Cram.* 19. *tab.* 219. F. G.

Upper-wings with 4 rufous spots and an abbreviated rufous band, the hind-margin black with 7 yellow spots.

Cuja. Wings above green with a sinuate indented glaucous band.

Inhabits *Sweden*. *Fn. Suec.* 1141. *tab.* 2. *fig.* 1141.

Hind margin of the *upper-wings* and the whole of the lower-ones brown.

Dione. Wings white striate and dotted with black, beneath a purple margin.

Inhabits *North America*.

Antennæ pectinate: *thorax* cinereous with 3 black lines: *abdomen* beneath dotted with black; *lower-wings* white with a few black dots.

Ziczac. Wings toothed on the back, clouded brown and reddish white with a large clouded ocellar spot at the tip: antennæ scaly.

Inhabits *Europe*. *Donovan.* iv. *tab.* 119. *Merian. tab.* 147.

Larva solitary naked pale rosy with white lateral lines and 2 gibbosities on the back, the tail red: *pupa* folliculate dark brown.

Trilophus. Wings toothed on the back, clouded with brown, in the middle a ferruginous lunule surrounded with white.

Inhabits *Austria*. *Wien. Verz.* 63. 6.

Head and *thorax* hairy brown: *abdomen* cinereous; *lower-wings* white with a brown patch near the tail.

Larva solitary naked green with 3 gibbosities on the back, tail obtuse, head brown.

Elegans. Wings glaucous with 2 black ſtreaks and ſpot in the middle, in the latter of which is a ferruginous lunule.
Inhabits the *Cape of good hope.* In the Muſeum of Sir. *J. Bank.*
Head brown with yellow dots: *feelers* yellow: *antennae* hardly pectinate: *thorax* downy cinereous with 4 yellow dorſal ſpots: *lower-wings* and all beneath duſky.

Camelus. Wings yellowiſh with 2 red ſtreaks and a line in the middle.
Inhabits *India.* In the Collection of Mr. *Francillon.*
Antennae pectinate ſetaceous at the tip: *lower-wings* fleſh-colour beneath whitiſh.

Dictæa. Wings appearing as if parched with a whitiſh ſtripe; lower-ones whitiſh.
Inhabits *Europe.* *Eſp. Phal.* 3. *tab.* 84.
Larva ſmooth gibbous behind, green with a white dorſal line and yellow lateral one, fore-legs rufous.

Gnoma. Wings ſlightly indented grey-white with a marginal black band in which is a white ſpot.
Inhabits *Hamburg* *Eſp. Phal.* 3. *tab.* 84.
Antennae hardly pectinate: *thorax* grey with a black ſtreak before and behind; *lower-wings* whitiſh with a brown ſpot beneath at the outer margin: *abdomen* grey, tail white.

Dromedarius. Upper-wings toothed on the back, clouded with a yellowiſh patch at the baſe and near the tail.
Inhabits *Europe.* *Ammiral. Inſ. tab.* 14.
Lower-wings with a ferruginous band behind.
Larva ſolitary naked green with 4 gibboſities on the back, tail reflected.

Angnina. Upper-wings clouded with a tranſverſe pale ſtreak and baſe, the tip with 2 black dots in a ſubocellar whitiſh ſpot.
Inhabits *America* *Smith's Lepidopt. Inſ. of Georgia.*

Concinna. Upper-wings clouded with a blackiſh patch at the baſe and angles, marginal ſtreaks and dots on the diſk.
Inhabits *America.* *Smith's Lepidopt. Inſ. of Georgia.*

Unicornis. Upper-wings clouded with green and brown, the tip yellowiſh with a blackiſh patch on the diſk and marginal dots and ſtreaks.

Inhabits

Inhabits *America*. *Smith's Lepidopt. Inſ. of Georgia.*

Aurora. Upper-wings yellow, the baſe and margin ſpeckled with red.
Inhabits *America*. *Smith's Lepidopt. Inſ. of Georgia.*

Coryli. Wings; glaucous with a ferruginous band in which is a black dot annulate with white: thorax variegated.
Inhabits *Europe*. *Albin. tab.* 90. *Degeer.* 1. *tab.* 18. *f.* 4. 5.
Larva tufted red hairy, 2 tufts on the back one on the tail and thoſe on the neck longer: *pupa* folliculate, black before, pale cheſnut behind.

Nuda. Upper-wings naked hyaline; lower-ones cinereous with a marginal naked ſpot.
Inhabits *India*. In the muſeum of Sir *Joſ. Banks.*
Antennæ pectinate brown: *head* teſtaceous; *thorax* and *abdomen* cinereous.

Morio. Wings black hyaline; abdomen villous black, the ſegments edged with yellow.
Inhabits *Europe*, on the Lolium perenne.
Antennæ pectinate black with a white ſhaft. *Female* wings ſhort cinereous hyaline, abdomen white.
Larva black with 6 lines of ferruginous hairy protuberances: *pupa* folliculate black with pale ſpots.

Rubea. Wings hyaline pale reddiſh with a pale dot in the middle.
Inhabits *Auſtria*. *Wien. Verz.* 51. 2.
Antennæ pectinate.

Alphæa. Wings ferruginous with a white dot in the middle and punctured brown ſtreak.
Inhabits *New Holland*. In the muſeum of Sir *Joſ. Banks.*
Antennæ ſhort pectinate: *body* hairy ferruginous: *lower-wings* immaculate.

Monacha. Wings white with black waves: inciſures of the abdomen red.
Inhabits *Europe*. *Donovan.* vii. *tab.* 227. *Schæff. t.* 68. *f.* 2. 3.
Larva brown-aſh with red tufts on the back, the ſecond ſegment with a heart ſhaped black ſpot: *pupa* blackiſh.

Flava. Wings deep yellow with 3 black dots at the tip.
Inhabits *India*.
Antennæ ſhort pectinate: *thorax* hairy yellow.

Lutea

Lutea. Wings deep yellow immaculate.
Inhabits *New Holland.* In the muſeum of Sir. *Joſ. Banks.*
Body entirely yellow, the *eyes* only black.

Ephippiger. Wings yellow with a common brown dorſal ſtreak.
Inhabits *South American Iſlands.*
Body yellow: *upper-wings* with a common abbreviated brown ſtreak terminating at each end by a white one: *lower-wings* pale immaculate.

**Curtula.* Wings glaucous with white ſtreaks and a teſtaceous immaculate ſpot at the tip.
Inhabits *Europe. Sepp. Inſ.* 4. *tab.* 1. *fig.* 13——18. ?
Larva ſolitary hairy cinereous with 4 ſtreaks of ferruginous dots.

Recluſa. Wings grey with ſubanastomoſing whitiſh ſtreaks the tip with a ferruginous ſpot in which is a marginal white dot.
Inhabits *Germany. Roes. Inſ.* 4. *tab.* 11. *fig.* 1.—6.
Larva brown with a cinereous dorſal line and 2 black ſpots: *pupa* folliculate, cheſnut-brown.

Anchoreta. Wings grey with white ſtreaks, the tip with a brown ferruginous ſpot in which is a waved white ſtreak.
Inhabit *Auſtria. Roes. Inſ.* 3. *tab.* 43.
Upper-wings with 2 black dots at the angle of the tail.
Larva hairy brown with a fleſh-colour dorſal ſtripe, 2 elevated warts and rufous lateral dots.

**Anaſtomoſis.* Wings grey with 3 whitiſh lines which nearly meet below, the tip with a reddiſh ſpot.
Inhabits *Europe, Donovan.* iv. *tab.* 124. 129. *fig.* 4
Larva brown with a line of white dots down the back and a yellow lateral line dotted with red, the ſhoulder and tail protuberant: *pupa* folliculate black with 2 red ſtreaks.

Cippus. Wings brown with 3 green ſpots.
Inhabits *Surinam. Cramer.* 5. *tab.* 35. E.

Reflexa. Wings varied with cinereous and brown; feelers reflected, as long as the thorax.
Inhabits *South American Iſlands.*
Antennae ſimple: *feelers* compreſſed hairy ferruginous reflected between the antennæ and reaching as far as the wings: *upper-wings* with brown patches and a lunule in the middle: *lower-wings* cinereous.

* *Pulſatoria.*

**Palpina.* Wings toothed whitiſh with black veins; feelers projecting feathered.
Inhabits *Europe*. *Degeer Inſ.* 1. *tab.* 4. *fig.* 7.
Larva ſolitary naked green with a yellow lateral line.

**Trepida.* Wings 1-toothed on the back with an ocellar dot in the middle and macular brown ſtreaks behind.
Inhabits *Europe*. *Donovan* vii. *tab.* 239. *fig* 1.
Antennae pectinate ferruginous: *thorax* brown. *abdomen* cinereous: *upper-wings* with an oblong brown dot annulate with white and a ſtreak of 6 brown dots behind; in the middle of the inner-margin is a ſtrong erect black tooth: *lower-wings* white with a grey inner-margin
Larva ſolitary naked, green with 2 white dorſal lines and 2 reddiſh-yellow oblique lateral ones: *pupa* folliculate, half buried in the earth.

Querna. Wings grey with 3 black ſtreaks connected to as many white ones.
Inhabits *Austria*. *Wien. Verz.* 49, 5.
Antennae pectinate ferruginous: before the hind-ſtreak on the *upper-wings* is a whitiſh patch: *lower-wings* whitiſh
Larva gibbous behind naked, green with 4 yellow lines and black ſpiracles.

**Capuzina* Wings indented ferruginous with a reflected tooth on the back.
Inhabits *Europe*. *Wien. Verz.* 63, 4.

**Camelina.* Wings indented ferruginous with 2 oblique yellow lines: all with a ſmall tooth on the back.
Inhabits *Europe*. *Donovan* vi. *tab.* 183.
When at reſt there appear 2 tufts on the back formed by the teeth on the wings.
Larva naked greeniſh with 2 red horns behind and red ſtigmata: *pupa* folliculate claret-brown.

**Aulica.* Upper-wings grey dotted with yellow; lower-ones fulvous ſpotted with black.
Inhabits *Europe*. *Albin. tab.* 22. *Merian. Eur.* 2. *tab.* 3.
Larva ſolitary black with white protuberances, above with white beneath with ferruginous hairs.

Helvola. Wings pale orange with regular cinereous ſpots and a ſtreak behind.
Inhabits *Germany*.

Antennæ

Antennæ pectinate: *head* and *thorax* pale red: *abdomen* cinereous; the tail bearded pale red: *lower-wings* cinereous.

Undata. Wings cinereous with 2 brown bands including a few cinereous ſtreaks.
Inhabits *Germany*.
Upper-wings with a few brown ſpots at the baſe and hind-margin: *lower-wings* cinereous.

Aeria. Wings ſnowy with black dots, thoſe near the rib larger: legs annulate.
Inhabits *Carolina*. *Drury Inſ. tab.* 3, *fig.* 2, 3.
Antennae black: *head* and *thorax* ſnowy: *abdomen* ſnowy with 5 rows of black dots, the back fulvous: *legs* white annulate with black.

* *Erminea.* Wings white with ſcattered black dots: abdomen with 5 rows of black dots
Inhabits *Europe*. *Linn. Tranſ.* 1. *p.* 70. *tab.* 1. *fig.* 1.
Donovan. vi. *tab.* 189. *Harris. Aur. tab.* 38. g—b.
Thighs covered with ferruginous wool: *body* white; *abdomen* fulvous with 5 rows of black dots, one down the back and 2 on the ſides: *tail* white: *larva* hairy brown with a fulvous dorſal line.

* *Lubricipeda.* Wings pale orange with black dots generally placed in an oblique tranſverſe row.
Inhabits *Europe*. *Linn. Tranſ.* i. *p.* 71. *tab.* 1. *fig.* 2.
Merian Eur. 1. *tab.* 46. *fig.* 65. *Aurniral. tab.* 6.
Wings ſometimes whitiſh or pale orange: *body* and tail pale fulvous.
Larva faſciculate brown with a whitiſh lateral line.

* *Mendica.* Wings of the male brown obſcure, of the female white pellucid, both dotted with black.
Inhabits *Europe*. *Linn. Tranſ.* 1. *p.* 72. *tab.* 1. *fig.* 3.
Male, upper-wings brown with an obſolete whitiſh ſpot in the middle and about 9 ſcattered black dots, lower-ones with 4 or 5 black dots towards the margin. *Female*, all the wings pellucid, upper-pair with about 9 ſcatttered black dots, lower-ones about 7 marginal ones.
Larva faſciculate pale ferruginous with red head and tail.

* *Papyratia* Wings ſnowy with black dots at the tip: abdomen with 5 rows of black dots.
Inhabits *Europe*. *Linn. Taanſ.* 1. *p.* 72. *tab.* 1. *fig.* 4.

Very

Very much reſembles Ph. erminea but the black dots are only at the tip with one or two reaching in a line towards the baſe: *abdomen* fulvous: *tail* white.
Larva faſciculate dark brown with a reddiſh head: *pupa* bluciſh-black with white ſtigmata.

Advena. Wings brown with white coſtal dots: lower-ones black with a fulvous ſpot in the middle in which is a black dot.
Inhabits *Spain*.
Antennæ pectinate black with a white ſhaft: *thorax* and *abdomen* hairy cinereous: *upper-wings* brown with a white line at the baſe and 3 ſubocellate dots near the rib.

Rutila. Wings pale yellow with a ferruginous hind-margin.
Inhabits *Siam*. In the muſeum of Sir *Joſ. Banks*.
Antennæ pectinate browniſh: *body* pale: all the *wings* alike on both ſurfaces.

Luctifera. Wings black, yellow at the angle of the tail: abdomen above yellow with a dorſal line of black dots.
Inhabits *Auſtria*. *Wien. Verz.* 54, 4.
Head and *thorax* black: *abdomen* beneath black.

Leporina. Wings white with branched black dots: abdomen immaculate.
Inhabits *Europe*. *Degeer Inſ.* 1. *tab.* 12. *fig.* 10, 11, 17.
Lower-wings gloſſy-white immaculate.
Larva ſubvillous greeniſh with 3 brown lines before and 3 black tufts: *pupa* folliculate.

Lota. Wings cinereous with a black dot on the diſk and a purpliſh broken ſtreak behind.
Inhabits *Europe*. *Clerk Icon. tab.* 8. *fig.* 1.
Larva cinereous with black and white lines and whitiſh dots: *pupa* folliculate.

Strigoſa. Wings brown with yellow ſtreaks; lower-ones black with an angular ſubmarginal yellow ſtreak.
Inhabits *Lapland*. *Act. Hafn. Hiſt. Nat.* 2. 2 *tab.* 2. *fig.* 2.
Thorax black with yellow lines: *abdomen* black dotted with yellow at the ſides.

Læta. Upper-wings ſnowy with a broad black band: antennæ ſimple.
Inhabits *Sweden*.

Head

Head and *thorax* snowy speckled with black: hind-margin of the *upper-wings* dotted with black: *lower-ones* cinereous at the base and brown at the tip: all beneath grey.

Communimacula. Wings pale flesh-colour with a common dorsal brown spot.
Inhabits *Southern Europe*. *Hyb. Beytr.* 1. *tab.* 3. O.
Body pale: *lower-wings* whitish.

* *Compressa* Wings compressed snowy with a common brown spot, grey in the middle with a white lunule.
Inhabits *Europe*. *Donovan.* vii. *tab.* 239. *fig* 2.
All the *wings* with dark spots round the margin.
Larva brown with 4 spines before and 2 behind, tail pointed: *pupa* chesnut-brown before and blue behind.

Milhauseri. Wings hoary with 2 dorsal brown spots: antennæ setaceous at the tip.
Inhabits *Dresden*. *Esp. pap.* 3 *tab.* 21.
Larva green with forked dorsal spines, legs under the tail of *pupa* chesnut-brown, emarginate before.

Spreta. Wings varied with flesh-colour and yellow, with white stigmata.
Inhabits *Germany*. *Naturf* 21, 27. *tab.* 3.
Antennae simple: *body* brown: *upper-wings* with a row of white dots: *lower-wings* brown. Beneath cinereous with a darker streak.
Larva naked green with a white dorsal line and ferruginous lateral one: *pupa* naked ferruginous.

Lincus. Wings black; upper-pair fulvous at the tip, lower-ones at the base.
Inhabits *Surinam*. *Cramer* 5. *tab.* 50. *fig.* 11.
Antennae filiform: the inner-margin of the *upper wings* ends in a point: *lower-wings* with a very thin hind-margin.

Ulmi. Upper-wings grey striate with white at the tip.
Inhabits *Germany*, on the Elm. *Wien. Verz.* 66, 1.
Body cinereous: *upper-wings* grey with obsolete abbreviate brown streaks at the base and cinereous semicircles, in the middle a row of white dots annulate with black: *lower-wings* cinereous at the base and brown at the tip.
Antennae of the male setaceous at the tip.
Larva 2-tailed greenish with paler lines, head brown: *pupa* naked chesnut-brown.

Bezga. Wings white with a black rib.
Inhabits *Surinam*. *Cramer*. 30. *tab*: 345, E.
Body white: *antennæ* yellow: *legs* yellow tipt with black.

Obſoleta. Wings yellowiſh with a darker ſpot in the middle and obſolete ſtreak behind.
Inhabits *South America*.
Antennæ ſimple: *body* yellowiſh: *lower-wings* yellowiſh with a brown hind-margin.

Lepida. Wings brown; upper-pair with a broad green baſe.
Inhabits *Tranquebar*. *Cramer*. *tab*. 130. *fig*. E.
Head brown with a green crown: *thorax* hairy green: *upper-wings* with a coſtal black ſpot at the baſe: *lower-wings* yellowiſh: *fore-legs* very thick and blackiſh.

Equeſtris. Wings brown; upper-pair with a green band in the middle; lower-ones yellowiſh.
Inhabits *India*: half the ſize of the laſt

Grata. Wings ſnowy, the rib at the baſe and hind-margin brown.
Inhabits *Georgia* in *America*.
Upper-wings with an obſolete whitiſh ſtreak in the brown margin, beneath yellowiſh edged with brown: *lower-wings* yellowiſh edged with brown, above immaculate, beneath with a brown ſpot in the middle.

V. nigrum. Wings white marked with a black v.
Inhabits *Germany*. *Naturf*. 2. *tab*. 1. *fig*. 1, 12. *tab*. 1. *fig*. 8,9.
Rays of the *antennæ* ferruginous: *body* whitiſh: *legs* annulate with black: the v on the *upper-wings* has its legs pointing downwards.
Larva faſciculate with 8 dorſal tufts, the fore and hind-ones white, collar very hairy: *pupa* green with a black ſpot on the thorax.

Chryſorrhœa. Wings ſnowy: tail bearded ferruginous.
Inhabits *Europe* *Donovan* 1. *tab*. 10. *Merian Eur*. *tab*. 20.
Antennæ ſnowy, the rays ferruginous.
Larva gregarious hairy blackiſh with 2 red lines down the back, the ſides faſciculate with white: *pupa* folliculate blackiſh: *eggs* covered with thick fulvous wool.

Auriflua. Wings white upper-pair with a brown rib beneath: tail bearded yellow.
Inhabits *Germany*. *Roeſ*. *Inſ*. 1. *Phal*. 2. *tab*. 21.
Wings with ſometimes a few ſcattered black dots above.

Larva hairy black with red lines and lateral white dots, collar and tail with a protuberance: *pupa* folliculate chesnut-brown.

Bicolora. Wings white with a large yellow spot marked with black.
Inhabits *Saxony*. *Naturf.* 12. *tab.* 2. *fig.* 10.
Body white immaculate: *antennæ* with a white shaft: *female* with a few black dots behind the yellow spot.

* *Salicis.* Wings white: legs black annulate with white.
Inhabits *Europe*. *Donovan.* i. *tab.* 30. *Albin. tab.* 84. *fig.* a—d. *Merian Europ.* 1. *tab.* 30. *Harris Inf.* 2. *tab.* 5. *fig.* k—p.
Antennæ pectinate brown: *eyes* black.
Larva hairy black with white spots down the back, on the sides of which are red dots: *pupa* folliculate hairy dark brown.

Cassinia. Wings grey with abbreviated scattered black lines.
Inhabits *Austria*, *Wien. Verz.* 61, 1.
Thorax cinereous with a lateral black line: *wings* beneath whitish with a central brown spot.

Centrolinea Wings clouded with cinereous and brown with a central white line edged with a black one.
Inhabits *Austria*.
Antennæ ferruginous: *body* hairy: *thorax* grey: *abdomen* brown: *upper-wings* beneath grey with a brown disk: *lower-wings* above dusky, beneath whitish with a central brown spot.

Tessellaris. Yellowish; wings abbreviated with numerous tessellate deeper bands on the upper-pair.
Inhabits *America*. *Smith's Lepidopt. Inf. of Georgia.*

* *Cratægi.* Wings rounded dark cinereous with a darker band: tail bearded.
Inhabits *Europe*. *Donovan.* iv. *tab.* 117. *Wien. Verz.* 58, 18. *Degeer Inf.* 1. *tab.* 11. *fig.* 20, 21.
Larva hairy black with pale bands and 4 ferruginous tubercles: *pupa* folliculate ferruginous.

Eridanus. Body and wings snowy: abdomen with fulvous rings.
Inhabits *Surinam*. *Cramer.* 6. 6. *tab.* 68. G.
Antennæ simple black.

Tibialis. Wings snowy; fore-shanks yellowish dotted with black.
Inhabits *New Holland*. In the museum of Sir. *Jos. Banks.*
Antennæ simple brown: *fore thighs* brown on the brck, the shanks yellowish with 4 black dots.

Nitidula.

Nitidula. Wings snowy; upper-pair with 2 coſtal ſhining glaucous ſpots and a marginal band of the ſame colour.

Inhabits *Coromandel.*

Body ſnowy immaculate: *antennæ* ſimple yellowiſh: margin of the *upper-wings* with blueiſh dots: *lower-wings* white tipt with brown.

Innocua. Wings white; upper-pair with 4 abbreviated black ſtreaks, the hind-margin yellow.

Inhabits *South America.*

Body white: hind margin of the the *upper-wings* yellowiſh with a few obſolete black dots: *lower-wings* white hyaline with a brown hind-margin.

Illibata. Wings white; abdomen and fore-thighs red above.

Inhabits *American Iſlands.*

Antennæ pectinate black with a white ſhaft: *head* and *thorax* white: *abdomen* white, the back rufous with a line of black dots down the middle: all the *wings* white immaculate: *legs* white: *fore-thighs* rufous above.

Repanda. Wings pale with 3 white ſtreaks and a pale ferruginous hind-margin.

Inhabits *South American Iſlands.*

Body pale: *antennæ* ſimple: *upper-wings* nearly angular in the middle of the hind-margin, between the firſt and ſecond ſtreak is a minute obſolete brown dot or two: *lower-wings* pale: all beneath pale with a ſtreak of ferruginous dots.

Exigua. Wings yellowiſh with ferruginous bands.

Inhabits *South American Iſlands.*

Body yellowiſh: *upper-wings* with 3 ferruginous bands, the middle one larger and branching out at the exterior margin, the third obſolete: *lower-wings* pale with a brown hind-margin: *antennæ* ſimple teſtaceous.

Plumigera. Wings ſubferruginous with a yellowiſh ſtreak: antennæ of the male pectinate.

Inhabits *Auſtria. Wien. Verz.* 61, 2.

Body hairy ferruginous: *upper-wings* ſometimes ferruginous, ſometimes mixed with yellow with a paler ſtreak: *lower-wings* immaculate: *abdomen* yellowiſh: *antennæ* of the male with very long rays.

Obſoleta. Wings whitiſh with a ferruginous rib: feelers ferruginous.

Inhabits *New Holland.* In the muſeum of Sir. *Joſ. Banks.*

Antennæ pectinate black with a whitiſh ſhaft: *thorax* hairy white *abdomen* cinereous.

Corones. Upper-wings cinereous; lower-ones ſnowy.
Inhabits *New Holland.* In the muſeum of Sir. *Joſ. Banks.*
Antennae pectin te: *head* and *thorax* cinereous: *abdomen* ſnowy: *upper-wings* with a red outer margin: lower-ones with a brown ſtreak behind.

Feſtiva. Wings yellowiſh ſpotted with blue at the baſe and dotted with black at the tip.
Inhabits *America.* In the muſeum of Dr. *Hunter.*
Antenn te ſimple black: *thorax* yellowiſh with 3 blueiſh lines: *upper wings* with 2 longitudinal ſpots at the baſe, in the middle a bind blue band in which is a whitiſh ſtreak, the tip with 3 lines of brown dots: *lower-wings* brown.

Dryas. Wings brown: abdomen fulvous with black dots, tail black.
Inhabits *Surinam.* *Cramer.* 6. *tab.* 70. C.
Lower-wings blue at the baſe: *abdomen* with 2 ſtreaks of black dots.

Ramoſa. Wings yellow with black branched lines and marginal dots
Inhabits *Italy.*
Antennae pectinate black: *head* and *thorax* black, the latter with a large yellow ſpot each ſide: *abdomen* black, tail yellow: *lower-wings* yellow, the hind-margin dotted with black.

**Ruſula.* Wings yellow with a red margin and brown ſpot: antennæ red
Inhabits *Europe.* *Donovan.* vi. *tab.* 214 *Clerk.* *tab.* 4. *f.* 1.
Lower-wings white with a brown ſpot in the middle, the border brown edged with red.
Larva hairy dull ferruginous with a pale dorſal line, head coppery: *pupa* very thinly folliculate dark brown.

**Jacobæ.* Wings brown with a red line and 2 dots; lower-ones red edged with black.
Inhabits *Europe.* *Donovan.* ii. *tab.* 45. *Albin.* *t.* 34. G. H. *Merian. Europ.* 3. *tab.* 28. *Harris Inſ.* 1. *tab.* 4.
Larva ſlightly hairy black with yellow rings: *pupa* thinly folliculate teſtaceous.
This ſhould rather be placed in the diviſion with the wings incumbent.

**Grammica* Wings yellow; upper-ones deeper ſtriate with black: lower-ones with a black terminal band.

Inhabits

Inhabits *Europe*. *Merian. Eur* 1. *tab.* 5.
Larva brown with a white dorſal line, legs ruſous: *pupa* naked ferruginous.

Pennatula. Wings cinereous on the outer-part and cheſnut-brown within, a paler ſtripe dividing the colours.
Inhabits *Eaſt India*.
Antennæ much pectinate grey: *head thorax* and back of the *wings* browniſh: *lower-wings* white.

Lineola. Wings white; upper-pair with a black line; lower-ones with a black dot on the diſk.
Inhabits *Eaſt India*.
Antennæ pectinate black: *head* and *thorax* hairy white: *upper-wings* red: *abdomen* covered with cinereous down, the back fulvous.

**Purpurea.* Upper-wings yellow dotted with brown; lower-ones red ſpotted with black.
Inhabits *Europe*. *Albin. tab.* 22. *Mer. Eur.* 1. *tab.* 6.
Larva hairy grey ſpotted with white: the male ſcatters a fragrance around it in the ſpring: *pupa* naked ferruginous.

**Plantaginis.* Wings black with yellow rivulets; lower-ones yellow with black margin and ſpots.
Inhabits *Europe*. *Donovan* iv. *tab.* 134.
The *male* is fulvous, the *female* ſcarlet.
Larva hairy black, ferruginous on the back: *pupa* black.
In *Ruſſia* the lower-wings are ſometimes white with black margin and ſpots.

Vittata. Wings black with 3 abbreviated white fillets.
Inhabits *America*. In the muſeum of Dr. *Hunter*.
Antennæ hardly pectinate: *head* black with a white frontal dot: *thorax* white with 2 black dots before and 3 broad lines; *lower-wings* black with a red ſpot at the baſe.

Lugubris, Wings yellow with black rivulets and dots: lower-ones brown.
Inhabits *Europe*. *Schaeff. Icon. tab.* 9. *fig.* 14. 15.
Lower-wings with a thin white edge; beneath all variegated.

Heliophila. Wings varied with brown and cinereous: lower-ones ſnowy edged with black.
Inhabits *Lapland*. *Act. Hafn. Hiſt. Nat.* 2. *tab.* 2. *fig.* 5.

Body

Body dull grey, the incifures of the abdomen fnowy: *upper-wings* beneath duſky, the disk whitiſh with a ſmall black dot: *lower-wings* beneath fnowy with a black dot in the middle and margin.

Parthenias Upper-wings brown with greyiſh ſpeckled bars; lower-ones orange with a triangular black ſpot at the inner-margin and ſmall line.

Inhabits *Europe*. *Donovan.* vii. *tab.* 246. *fig.* 1.

Antennæ pectinate: *body* black, beneath covered with cinereous down: margin of the *lower-wings* black. Beneath all orange ſpotted with black.

Larva naked green with red lines.

**Matronula* Upper-wings brown ſpotted with yellow: lower-ones yellow with black bands.

Inhabits *Europe*. *Roes. Inſ.* 3. *tab.* 39. *fig.* 1. 2.

Thorax black with 2 red lines: *abdomen* red, the back ſpotted with black.

**Vilica*. Wings black with 8 cream-colour ſpots; lower-ones fulvous ſpotted with black.

Inhabits *Europe*. *Donovan.* ii. *tab.* 71. *Albin. tab.* 21.

Larva hairy blackiſh with fulvous ſpots, head and legs rufous: *pupa* foliculate black.

Hebe. Wings black with white bands; lower-ones red ſpotted with black.

Inhabits *Europe*. *Friſch.* 7. *tab.* 9. *Roeſ* 4. *t.* 27. *fig.* 1. 2.

Abdomen red, the back and tail black: *wings* ſometimes white with black bands.

Larva ſolitary hairy, the 3 anterior ſegments ferruginous: *pupa* black.

Tarquinius Wings cinereous with a black ſpot in the middle in which is a branched white line.

Inhabits *Surinam*. *Cramer.* 1. *tab.* 4. B, C.

Antennæ pectinate: *head* and *thorax* black: *abdomen* rufous: *upper-wings* with a few black ſpecks: *lower-wings* rufous with a black ſpot in the middle and 2 darker bands.

Tarquinia. Upper-wings black with a hooked white line between 2 white ſtreaks.

Inhabits *Surinam*. *Cramer.* 1, *tab.* 4. A.

Probably the *female* of the laſt. *Head* and *thorax* black: *abdo-*

men

men black with red rings: *upper-wings* black, the base grey with 2 white streaks and a hooked line between them: *lower-wings* red with an oblong black spot in the middlk, the hind-margin pale.

*Caja. Upper-wings whitish with irregular blackish spots; lower-ones orange spotted with black.
Inhabits *Europe*. *Donovan.* i. *tab.* 15. *Albin. tab.* 20. C. D. *Sepp. Inf.* 4. *tab.* 2. *Wilks. pap.* 18. *tab.* 3. a 1.
Thorax brown with a red line before: *addomen* orange with black spots: *antennae* pectinate.
Larva solitary hairy brown with 3 raised whitish dots on each segment: *pupa* solliculate black.

*Pudica. Wings white; upper-pair spotted with brown; lower-ones immaculate.
Inhabits *Southern France*. *Esp. Bomb.* 3. *tab.* 33. *fig.* 1.
Head and *thorax* brown, the latter with 2 connected white lunules before: *lower-wings* beneath with 2 brown spots.

*Caffra. Wings black with 2 indented white bands; lower-ones red with marginal brown spots.
Inhabits *Germany*. *Esp. Bomb.* 3. *tab.* 33. *fig.* 2.
Body black: *thorax* with a pale band before: *abdomen* with red dots at the base: *upper-wings* with a small white dot in the middle of the rib and a patch towards the tip.

*Maculosa. Wings spotted with black; upper-pair brown; lower-ones red.
Inhabits *France*. *Knock. Beytr.* 3. *tab.* 5. *fig.* 2.
Thorax cinereous with 2 black lines: *abdomen* black with a lateral abbreviated red line.
Larva solitary hairy black with blue tubercles and a yellow lateral line.

*Virgo. Wings black with reddish rivulets; lower-ones red dotted with black.
Inhabits *America*. *Clerk. Icon. tab.* 42. *fig.* 5.
Adomen above red beneath black,

*Phyllina. Wings black with reddish rivulets; lower-ones red spotted with black, and a marginal black line.
Inhabits *America*. *Smith's Lepidopt. Inf. of. Gsorgia.*

Placentia.

Placentia. Wings black with 3 white ſpots; lower-ones red with black ſpots and margin.
Inhabits *America. Smith's Lepidopt. Inſ. of. Georgia.*

Iſabella. Wings dotted with black; upper-pair fulvous, lower-ones roſy.
Inhabits *America. Smith's Lepidopter. Inſ. of Georgia.*

Echo. Wings ſnowy with black marginal nerves each ſide, the back ſpotted with yellow and black.
Inhabits *America. Smith's Lepidopt. Inſ. of Georgia.*

Menete. Wings black with white ſpots; lower-ones purple with a black central ſpot and margin.
Inhabits *America. Cramer. 6. tab.* 70. D.
Upper-wings brown with a large round white ſpot at the baſe of the thicker margin, a line divided into 3 ſpots towards the inner margin and an abbreviated tranſverſe one towards the tip.

Deflorata. Wings white ſpotted with black; lower-ones beneath black with white bands.
Inhabits *America.* In the muſeum of Dr. *Hunter.*
Head white with a black front: *antennæ* black: *thorax* ſnowy with 2 black dorſal dots and 2 leſſer-ones each ſide: *abdomen* beneath white with a line of black dots.

Hyalina. Wings hyaline cinereous: tail black bearded.
Inhabits *Italy*; middle-ſized.
Antennae a little pectinate brown: *body* cinereous.

Albifrons. Wings grey: upper-pair with a marginal angular ſnowy ſtreak ſurrounded with black ſpecks.
Inhabits *America. Smith's Lepidopt. Inſ. of. Georgia.*

Miniſtra. Wings ferruginous; upper-pair with 5 tranſverſe brown lines dot on the diſk and margin.
Inhabits *America. Smith's Lepidopt. Inſ. of Georgia.*

Gibboſa. Wings teſtaceous; upper-pair with a double tranſverſe yellowiſh ſtreak and intermediate double white dot.
Inhabits *America. Smith's Lepidopt. Inſ. of Georgia.*

Angulosa. Wings grey; upper-pair with black flexuous lines and blotches, and a projecting tooth on the back.
Inhabits *America. Smith's Lepidopt. Inſ. of. Georgia.*

d. *Wings.*

d. *Wings incumbent.*

Crotalariae. Upper-wings purpliſh with ocellar black ſpots; lower-ones red ſpotted with black.
Inhabits *India*. *Cramer.* 1. *tab* 5. C, D.
Antennae black ſlightly pectinate: *thorax* grey with 6 black dots: *abdomen* red with dotted black lines: *upper-wings* with numerous black dots with yellow iris; beneath yellowiſh with confluent brown ſpots and margin.

Ricini. Wings duſky with numerous ſubocellar brown ſpots; lower-ones red ſpotted with black.
Inhabits *India*, on the Ricinus.
Thorax brown with an ocellar ſpot each ſide: *abdomen* red with brown belts and 3 brown ſpots on the tail: ſpots on the *upper-wings* with brown pupil and cinereous iris.

Sanguinolenta. Wings ſnowy; upper-pair with a ſanguineous rib: lower-ones with black ſpots.
Inhabits *India*. *Cram.* 12. *tab.* 133. D.
Head ſnowy *feelers* and *antennae* brown with a red band behind: *abdomen* fulvous with black rings.

Puella. Wings brown; thorax dotted with black; tail and legs red.
Inhabits *Guinea*.
Head grey with 2 black frontal dots: *feelers* ferruginous tipt with black: *thorax* grey-brown dotted with black: *body* pale, the ſides ferruginous dotted with black: *lower-wings* whitiſh.

Servus. Wings grey mixed with cinereous and brown: abdomen red above.
Inhabits *Eaſt India*.
Antennæ pectinate: *head* and *thorax* grey: *abdomen* beneath and tail grey: *lower-wings* and all beneath dull cinereous.

Hera. Wings greeniſh-black with yellow rivulets; lower-ones reddiſh with 3 black ſpots.
Inhabits *Southern Europe*. *Roes. Inſ.* 4. *tab.* 28. *fig.* 3.
Larva ſolitary hairy, black with fulvous ſpots a yellow dorſal line and lateral white one: *pupa* twice folliculate black.

Dominula. Wings gloſſy-black with white and reddiſh ſpots; lower-ones dull red with black ſpots.

Inhabits *Europe*. *Donovan.* iv. *tab.* 141. *Mer. Eur.* 2. *t.* 38.
Thorax black with 2 red lines: *abdomen* red ſpotted with black, the tail black.
Larva hairy black with 3 yellow lines ſpotted with black: *pupa* brown incloſed in a common web,

Credula. Wings and body black dotted with white.
Inhabits *America*. *Cramer* 6. *tab.* 71. *fig.* 2.
Upper-wings with an oblong red ſpot with 2 black dots at the baſe.

Leatrix. Wings black with blue yellow and white ſpots; lower-ones red ſpotted with white.
Inhabits *China*. *Cramer.* 16. *tab.* 192. C.
Abdomen red with black bands.

**Furcula.* Thorax variegated; wings grey, the baſe and tip white dotted with black.
Inhabits *Europe*. *Donovan.* viii. *tab.* 272. *Sepp.* 4. *tab.* 6.
Larva ſolitary naked 2-tailed green: *pupa* folliculate ferruginous: *eggs* black.

Celon. Wings grey-brown with 2 black diſtant dots.
Inhabits *Germany*; ſize of the laſt.
Antennæ pectinate black: *thorax* hairy green: *breaſt* whitiſh: *wings* beneath duſky with a brown dot in the middle.

Populeti. Wings ſhining-grey with a ſtreak of black dots behind.
Inhabits *Germany*, on the Populus tremula.
Antennæ pectinate: *body* grey: in the middle of the *wings* is a pale reniform ſpot.

**Antiqua.* Upper-wings dull ferruginous clouded with brown, a white lunule at the poſterior angle; female nearly apterous.
Inhabits *Europe*. *Donovan.* i. *tab.* 16. *Mer. Eur. tab.* 84.
Female with the rudiments of wings at the end of the thorax.
Larva ſolitary faſciculate, 4 of the dorſal tufts white, thoſe near the antennæ and tail duſky: *pupa* folliculate varied with black and yellow.

**Gonoſtigma.* Wings brown with 2 oppoſite white ſpots; female apterous.
Inhabits *Europe*. *Albin. tab.* 90. *Wilks* 31. *fig.* 3. c. 4.
Larva gregarious faſciculate, 8 of the dorſal tufts white, 2 on the neck

neck and one on the tail black: *pupa* yellow before and black behind.

Paradoxa. Wings varied with cinereous and brown with a whitiſh central ſpot; lower-ones black: female apterous.
Inhabits *Ruſſia*, on the Triticum repens.
Male. Antennae pectinate with a white ſhaft. *Female* without even the rudiments of wings,

Zonaria. Wings black with white bands: abdomen black, the edges of the ſegments red; female apterous.
Inhabits *Germany.*
Antennae pectinate black with a white ſhaft: *lower-wings* whitiſh with a black ſtreak in the middle and hind-margin. *Female* apterous thick villous with the rudiments of 2 ſhort cylindrical hairy black wings each ſide, edges ot the ſegments red.

Pylotis. Wings yellow with 6 bands of black dots; lower-ones dotted with black.
Inhabits *New Holland. Drury. Inſ.* 2. *tab.* 6, *fig.* 3.
Lower-wings yellow with 10 black dots.

Pulchella. Wings white; upper-pair dotted with black and red: lower-ones tipt with black.
Inhabits the *Eaſt. Cram. Inſ.* 10. *tab.* 109. *fig.* E, F.
Larva hairy pale with a white dorſal line and black and rufous dots.

Griſea. Wings cinereous waved with brown; lower-ones white.
Inhabits *Cayenne.*
Body hairy cinereous: *antennae* ſlightly pectinate: tip of the *upper wings* browniſh with a waved cinereous ſtreak

Priverna. Upper-wings brown with a yellow band; lower-ones fulvous edged with black.
Inhabits *Surinam. Cram.* 14. *tab.* 166. E.
Thorax yellow: *abdomen* fulvous: *upper-wings* with fulvous ſtreaks at the baſe.

Franciſca. Upper-wings fleſh-colour with an interrupted white fillet; lower-ones hyaline.
Inhabits *Coromandel.*
Head black with a fleſh-colour crown: *thorax* fleſh-colour with

a black dorſal fillet : *upper-wings* with a few black dots : *abdomen* beneath brown, above red with black dorſal ſpots.

Jeſuita. Wings black with a fulvous ſtreak.
Inhabits *India*.
Antennae pectinate ſetaceous at the tip : *body* black : exterior margin of the *lower-wings* fulvous at the baſe.

Angulata. Wings angular teſtaceous with black ſpecks and 2 obſolete cinereous ſtreaks.
Inhabits *India*.
Body teſtaceous : *breaſt* white : *lower-wings* brown with a whitiſh baſe.

Viciella. Wings cinereous hyaline : antennæ brown.
Inhabits *Auſtria*. *Reaum. Inſ.* 3. *tab.* 11. *fig.* 7. 8.
Body covered with cinereous wool : *antennae* pectinate brown.
The *Female* depoſits her eggs while in the pupa ſtate and never becomes a perfect inſect.

Veſtita. Wings black immaculate : abdomen beneath downy white.
Inhabits *Germany*. *Wien. Verz*, 133. 6.
Antennae pectinate : *thorax* covered with cinereous down : *abdomen* above black : *larva* grey dotted with black, and conſtructs a cylindrical follicle of dry graſs which it affixes to leaves by a thread.

Muſcella. Wings dull hyaline : body black.
Inhabits *Auſtria*. *Wien. Verz.* 133. 3.
Body hairy black : *antennae* brown.

Fembella. Wings cinereous ſpeckled with brown.
Inhabits *Auſtria*. *Wien. Verz.* 133. 5.
Body hairy grey : *lower-wings* immaculate.

Pectinella. Wings cinereous hyaline ; upper-pair with obſolete darker ſtreaks
Inhabits *Auſtria* : ſmall.
Body hairy black : *lower-wings* immaculate.

Manda. Wings cinereous hyaline with a brown dot and band.
Inhabits *Europe*, on Lichens. *Hoff. Inſ. tab.* 4. *fig.* 2.
Larva hairy cheſnut-brown.

Indiana

Indiana. Wings hyaline with a yellow border dotted with black.
Inhabits *India*. *Bomb. devaſa. Fabric. n.* 237.
Head and *thorax* yellowiſh: *lower-wings* immaculate.

Annulata. Wings black with ſnowy ſpots; ſhanks annulate with white.
Inhabits *Germany*.
Head and *thorax* black varied with white: *abdomen* grey: *wings* beneath brown, the edges dotted with white.

**Graminis* Wings grey with a trifarious whitiſh line and dot.
Inhabits *Europe*. *Harris Aurel tab.* 5. *fig* 7.
The other *ſex* has a ſtreak of black dots behind.
Larva ſmooth duſky with a dorſal and lateral yellow ſtripe.

Popularis. Wings brown with white veins; lower-ones whitiſh.
Inhabits *Ruſſia* and *Germany*
Antennæ pectinate brown: *upper-wings* with a few ſpots in the middle with a darker pupil, towards the tip a ſtreak of arrow-ſhaped ſmall black dots: *lower wings* whitiſh with a darker margin and a central brown ſpot beneath.

Fulminea. Wings indented varigated with grey and brown: thorax white on the fore-part with a black ſtreak.
Inhabits *Germany*, on the Achillæa Millefolium.
Antennæ pectinate ferruginous: *thorax* with a white lunule each ſide: *lower-wings* and all beneath grey.
Larva greeiſh with a darker back on which is a longitudinal white line.

Glorioſæ. Wings black variegated with red and yellow; lower-ones brown edged with yellow.
Inhabits *India*, on the Glorioſa.
Head black with a yellow dot each ſide: *thorax* black with 4 fulvous dots behind: *abdomen* black, tail yellow: *legs* black ſpotted with yellow: all the *wings* beneath black edged with yellow

Crini. Wings black, ſubferruginous before the margin; lower-ones white.
Inhabits *India*, on the Crinum añaticum.
Head and *thorax* hairy black: *abdomen* cinereous: *upper-wings* gloſſy black with a reniform ferruginous ſtigma in the middle, the margin brown with a waved black ſtreak.

**Roſea.* Wings roſy with 3 brown ſtreaks, the ſecond waved, the third at the tip compoſed of dots.
Inhabits

Inhabits *Europe*. *Donovan* ii. *tab.* 40. the lower *figure*.
Harris Aurelian tab. 30. *fig.* p.
Abdomen above rofy with brown rings. beneath black.
Larva ſhort very hairy, with grey tufts, *head* orange: *pupa* incloſed in a thick follicle.

**Rubricollis* Black with a red collar: abdomen yellow.
Inhabits *Europe* *Clerk Icon. tab.* 2. *fig.* 3.
Larva hairy blackiſh with black bands, head piceous with a white triangle.

**Fuliginoſa* Wings red brown with a double black dot: abdomen red, black on the back.
Inhabits *Europe*. *Donovan.* iii. *tab* 80. *Aurnir. tab.* 30.
Harris Inſ. tab. 8. *fig.* 7. *Wilk. pap. tab.* 3. a. 14.
Larva hairy ferruginous with black head and fore-legs; wanders over the ſnow in winter and is ſaid to foretell a cold ſummer and ſcarcity where it appears in conſiderable numbers: *pupa* follicular black.

Bimotata Wings cinereous with 2 black dots between 2 brown waved ſtreaks.
Inhabits *Sweden*; middle-ſized.
Head and *thorax* hairy cinereous: *lower-wings* cinereous.

Cribrum. Upper-wings white tranſverſely dotted with black: tail yellowiſh.
Inhabits *Northern Europe*. *Hybn. Beytr.* 1. *tab.* 4. *fig.* w.

Obſcura. Both ſurfaces of the wings alike, brown with 3 hyaline dots on the upper pair: abdomen yellow with a black line.
Inhabits *Germany*, on the Lichen parietinus.
Lower-wings ſometimes brown immaculate, ſometimes yellow with a brown margin ahd curve.
Larva hairy black with yellow lines, hind-legs yellow.

Punctata. Both ſurfaces of the wings alike: upper-pair brown dotted with white; lower-ones yellow tipt with brown.
Inhabits *Italy*; much leſs than the laſt.
Body brown: *abdomen* yellow with a line of black dots down the back: *lower-wings* with a broad brown margin.

c. *Wings convolute.*

Bella. Wings yellow with 6 bands of black dots; lower-ones red tipt with black.
Inhabits

Inhabits *North America*. *Cramer*. 10. *tab*. 109. C, D.
Catesby's Carolina Vol. 2. *p*. 96. *tab*. 96.

Ornatrix. Wings whitish, the margin red dotted with black, lower-ones varied with white and black.
Inhabits *America*. *Cramer*. 14. *tab*. 166. C,D,E.

Umber. Wings black; front and abdomen fulvous.
Inhabits *Surinam*. *Cram*. 2. *tab*. 15. F.
Antennae pectinate: *lower-wings* paler at the base.

Histria. Wings fulvous with numerous white spots surrounded with blue.
Inhabits *South American Islands*.
Feelers white at the base and tip with black: *thorax* blue-black with white dots and 2 fulvous spots: *abdomen* beneath white annulate with black, tail fulvous: *upper-wings* blue at the tip with white dots: *lower-wings* and all beneath black, the hind-margin a little whitish.

Geometra. *Phalæna, Fabricius.*
a. *Antennæ pectinate.*

**Lactearia* Wings angular snowy immaculate: antennæ bipectinate setaceous at the tip.
Inhabits *Europe*; very tender and nearly pellucid.

**Nivearia.* Wings subangular white with a brown hind-margin; under-surfaces of the upper-pair brown; lower-ones with a central black dot.
Inhabits *England*; small tender.
Body white: *eyes* black: *antennae* brown: all the *wings* with a brown central dot beneath.

**Vernaria.* Wings angular greenish with 2 white flexuous streaks: antennæ setaceous at the tip.
Inhabits *Europe*. *Reaum. Inf*. 2. *tab*. 29. *fig*. 14—19.
Margin of the *wings* dotted with brown.
Larva ferruginous varied with white and black, head toothed.

Bupleuraria Wings indented green with a white streak and contiguous smaller one, the margin dotted with brown.
Inhabits *Austria*. *Hybn. Beytr*. 4. *tab*. 3. *fig*. R.
Upper-wings with 2 white streaks, lower-ones with one.

Thymiaria. Wings angular indented green with an undulate obsolete white streak and contiguous smaller one.

Inhabits

Inhabits *Germany*. *Schæff. Icon. tab.* 202. *fig.* 1.
Indentations of the *wings* ferruginous.
Larva dusky with flesh-colour dorsal spots, head and collar 2-toothed: *pupa* thinly foliculate, ferruginous with a black line, pointed before and bifid behind.

Trifariaria. Wings angular cinereous with 3 brown streaks on the upper-pair and 2 on the lower, all with a brown dot in the middle.
Inhabits *Italy*. *Body* cinereous.

Immacularia. Wings angular; above green, beneath whitish immaculate.
Inhabits *Tranquebar*
Antennæ pectinate setaceous at the tip: *body* greenish, crown brown: *wings* beneath whitish.

* *Putatoria* Wings angular whitish with 2 full white flexuous streaks: antennæ setaceous at the tip.
Inhabits *Europe*. *Clerk Icon. tab.* 3. *fig.* 9.

Striataria. Wings angular whitish with 2 obsolete yellowish streaks.
Inhabits *Europe*. *Clerk Icon. tab.* 55. *fig.* 4.
Lower-wings with only one yellowish streak.

Margaritaria. Wings angular whitish with a deeper band terminating in a white streak.
Inhabits *Germany*, on the Carpinus and Betula.
Larva elongated 12-footed variegated, the last segments with 2 white dots, tail bifid.

* *Punctaria* Wings angular cinereous with a ferruginous streak and row of black dots.
Inhabits *Europe*. *Clerk. Icon, tab.* 5. *fig.* 11.
Larva cinereous with lateral yellow spots and marked with red: *pupa* bound to a leaf, above pale flesh-colour, beneath yellowish.

Dioraria. Wings angular brown with purple streaks, pale at the tip.
Inhabits *Surinam*. *Cram. 7. tab.* 75. F.

* *Amataria* Wings angular buff-colour speckled with brown; with a straight purple line and obsolete flexuous brown one on each.
Inhabits *Europe*. *Donovan.* i. *tab.* 33. *fig.* 2.
Margin of all the *wings* red.
Larva green with yellow belts above and red ones beneath.

* *Pennaria.*

* *Pennaria.* Wings ſlightly indented reddiſh with 2 brown ſtreaks and a white dot at the tip.
Inhabits *Europe*. *Donovan.* viii. *tab.* 287. *fig.* 2.
Lower-wings reddiſh with a brown dot in the middle.
Larva ſolitary ſmooth reddiſh.

* *Uſtularia.* Wings ſlightly indented ochraceous with 3 brown ſtreaks and ſpot at the baſe and tip.
Inhabits *Europe*. *Donovan.* iii. *tab.* 82.
Larva ſmooth yellowiſh with darker lateral line, head black: *pupa* black.

* *Bidentaria.* Wings jagged grey with a deeper band, in the middle of which is an ocellar dot.
Inhabits *Europe*. *Clerk. Icon. tab.* 7. *fig.* 2.
Band on all the *wings* terminating in a white ſtreak, the eye white with a black iris; beneath an ocellar dot in the middle and ſinuous black ſtreak behind.

* *Falcataria.* Wings falcate glaucous; upper-pair with a grey band and waves, in the band a brown dot
Inhabits *Europe*. *Schæff. Icon. tab.* 64. *fig.* 1, 2.
Larva greeniſh on the back dotted with brown and 4 pair of prickles before, tail pointed; beneath green with a lateral red line.

Cultraria. Wings ſubfalcate yellow with a deeper band: antennæ ſetaceous at the tip.
Inhaoits *Germany*. *Wien. Verz.* 64, 1.
All the *wings* beneath ſulphur immaculate.

Strigaria. Wings angular tailed white with 2 brown ſtreaks above and one beneath.
Inhabits *India*. *Cram.* 12. *tab.* 135, C.
Antennæ ſhort: *wing tails* ſhort obtuſe with 2 black ſpots: all the *wings* beneath white with a blackiſh ſtreak.

* *Sambucaria.* Wings tailed angular yellowiſh with 2 darker ſtreaks; lower-ones with 2 reddiſh dots at the tip
Inhabits *Europe*. *Donovan* v. *tab.* 170. *Albin. tab.* 94.
Larva a little knotty dull ochre with brown lines: *pupa* fuſiform dull ochre dotted with brown.

* *Lacertinaria.* Wings toothed yellowiſh with 2 brown lines and a dot between them; lower-ones whitiſh immaculate.
Inhabits *Europe*. *Donovan* vii. *tab.* 251. *fig.* 2. *Albin tab.* 65.
Larva naked red, the back angular and tail pointed: *pupa* folliculate conic dull ferruginous with black ſpecks.

Craſſaria. Wings toothed yellowiſh with 2 incurved brown ſtreaks.
Inhabits *Germany*. *Wien Verz.* 103, 4.
Lower-wings with a ſingle ſtreak: all beneath yellowiſh with a broad dot in the middle.

Emarginaria. Wings ſlightly emarginate teſtaceous with a white ſtreak behind ſeparating the paler border.
Inhabits *Kiel*. *Body* yellowiſh.
Tip of the *upper-wings* emarginate with a large cheſnut ſpot on which are 2 ſmall black dots: *lower-wings* with 2 ſmall black dots at the angle of the tail.

Equeſtraria Wings angular; upper-pair browniſh with a broad yellow band; lower-ones yellow.
Inhabits *Hamburg*.
Body hairy yellow: *upper-wings* beneath yellowiſh with a black dot in the middle, the tip duſky, the margin variegated with yellow: *lower-wings* beneath duſky with a black dot in the middle and pale baſe.

* *Alniaria.* Wings angular toothed yellow ſpeckled with brown and croſſed with 2 brown ſpecks.
Inhabits *Europe*. *Donovan*, viii. *tab.* 275. *Roeſ. ph.* 3. *tab.* 1.
Larva brown dotted with yellow, 3 remote protuberances on the back and 4 approximate ones on the tail: *pupa* greeniſh pointed before.

**Syringaria.* Wiugs angular indented grey with fleſh-colour ſhades and 2 brown ſtreaks on the upper-pair meeting at the tip.
Inhabits *Europe*. *Donovan*. vi. *tab.* 181.
Upper-wings with 2 white marks at the tip: *lower-ones* with a ſingle brown line.
Larva varied with yellow and grey with 6 ſpines on the back, the hind-one very long and recurved: *pupa* folliculate abrupt grey before and cheſnut behind.

Clemataria Wings ſlightly reverſed, all yellowiſh-grey with a black dot on the diſk and a common yellowiſh ſtreak hooked at the tip.
nhabits *America*. *Smith's Lepidopt. Inſ. of Georgia*.

Liriodendraria. Wings indented ſpeckled with brown with about 3 common flexuous diffracted white ſtreaks.
Inhabits *America*. *Smith's Lepidopt. Inſ. of Georgia*.

Quernaria.

Quernaria. Wings slightly indented variegated with white and brown, all with a flexuous black streak and dot; upper-pair with 2 white dots at the tip.
Inhabits *America*. *Smith's Lepidopt. Ins. of Georgia.*

* Lunaria. Wings jagged reddish-brown; all with a white ocellate dot; upper-pair with an incurved brown streak.
Inhabits *Europe*. *Donovan.* iv. *tab.* 132. *Sepp.* 6. *tab.* 2.
Larva grey with 2 dorsal tubercles, beneath with whitish bands, dotted with black: *pupa* follicular dark brown.

* Dentaria. Wings angular indented, above pale with ferruginous streaks, beneath ferruginous with a darker lunule.
Inhabits *England*. In the collection of Mr. *Monson*.
Wings with 3 ferruginous streaks and margin, the outer margin speckled with ferruginous.

Roburaria. Wings indented grey with numerous brown streaks and specks.
Inhabits *Austria*, on the Oak. *Wien. Verz.* 101, 1.
Wings beneath whitish with brown lunules.
Larva grey-brown with a darker dorsal line and curves on the segments.

Consortaria. Wings indented grey with brown streaks; lower-ones with an oblong whitish ocellar dot.
Inhabits *Austria*.
Dot on the *lower-wings* surrounded with a brown ring: all beneath grey with a brown dot in the middle and brown streaks.

Undaria. Wings indented white with brown waves: antennæ setaceous at the tip.
Inhabits *India*. *Antennæ* as long as the body.

Hortaria. Wings indented varied with brown and cinereous with a black streak: antennæ setaceous at the tip.
Inhabits *Italy*.
Wings beneath yellowish with a brown streak and dot in the middle.

* Dolabraria. Wings angular yellow with ferruginous streaks; angle of the tail violet.
Inhabits *England* and *Germany*. *Sulz. Inf. tab.* 22. *fig.* 9.

Ulmaria. Wings angular green with 3 brown streaks on the upper-pair.

Inhabits *Surinam*. *Cram.* 1. *tab.* 10. E.
Margin of the *wings* browning; beneath ferruginous: tail bearded rufous.

Monilaria. Wings indented green with a ſtreak of black dots; lower-ones with a double white dot.
Inhabits *India*. In the muſeum of Dr. *Fothergill*.
All the *wings* beneath lead-colour: *antennæ* of the female nearly ſetaceous.

Fervidaria. Wings rounded white; the margin brown with a waved white ſtreak.
Inhabits *Africa*. In the muſeum of Sir. *Joſ. Banks*.
Body yellowiſh: *thorax* white behind: rib of the *upper-wings* black ſpotted with white: beneath all white edged with brown.

Rondelaria Upper-wings grey; lower-ones ferruginous.
Inhabits *Eaſt India*; ſmall.
Antennæ ſetaceous at the tip: *upper-wings* darker at the baſe with 2 coſtal ferruginous ſpots: all beneath ferruginous.

Vibicaria. Wings rounded yellowiſh with 3 purple ſtreaks the anterior of which is obſolete.
Inhabits Woods of *Europe*. *Wien. Verz.* 117, 2.

* *Suberaria* Wings yellowiſh deeply indented, upper-pair with a brown ferruginous patch and 2 black ſtreaks; lower-ones with a brown ferruginous band and ſingle ſtreak.
Inhabits *England*. *Donovan's Eng. Inſ* vii. *tab* 251. *fig.* 1.
Upper-wings with a ſhort flexuous ſtreak near the tip: *lower-ones* with numerous crowded blackiſh lines.

Flavaria. Wings rounded yellowiſh with 2 flexuous brown ſtreaks.
Inhabits *Eaſt India*.
Body yellow: *front* fulvous: behind the ſtreaks on the wings are 2 ſmall brown dots.

* *Papilionaria.* Wings indented green with a flexuous white ſtreak and contiguous ſmaller one.
Inhabits *Europe*. *Donovan.* viii. *tab.* 287. *fig.* 1.
Naturf. 12. *tab.* 1. *fig.* 12, 13, 14.
Upper-wings with a white ſpot or two between the bands and the baſe: *lower-ones* with a row of white dots near the margin.
Larva green with 10 incurved rufous prickles on the back: *pupa* green varied with yellow.

Helcitaria.

Helcitaria. Wings fulvous, the tip black with a macular white band.
Inhabits *India*. *Clerk. Icon. tab.* 39. *fig.* 4.
Antennæ of the male pectinate, of the female ſetaceous: *body* above black with 3 rows of white ſpots, beneath fulvous.

Catenaria. Wings rounded white with a black lunule in the middle and waved ſtreak behind.
Inhabits *India*. *Drury Inſ.* 1. *tab* 8. *fig.* 3.
Front fulvous: between the *wings* a fulvous dot: *wings* ſometimes dotted with black only.

Flabellaria Wings rounded white; upper-pair darker at the tip.
Inhabits *Africa*. In the muſeum of Sir *Joſ. Banks*.
Body whitiſh: *antennæ* much pectinate brown: *lower-wings* immaculate.

* *Prunaria* Wings ſlightly indented yellow-orange ſpeckled with brown: upper-pair with a brown lunule.
Inhabits *Europe*. *Donovan*. 1. *tab*. 27. *Albin tab* 69.
Wings ſometimes with a large brown cinereous ſpot.
Larva ferruginous, with 2 ſpines before and behind.

Furcaria. Wings grey-clouded, all beneath with a black ſpot in which is a ſmall white lunule.
Inhabits *Germany*.
All the *wings* grey ſpeckled with brown.

* *Piniaria.* Wings brown ſpotted with yellow, beneath clouded with 2 brown bands.
Inhabits *Europe*. *Ammir tab.* 20. *Sepp.* 6. *tab.* 4. *fig.* 11.
Larva green with a white ſtreak, beneath ſtreaked with yellow: *pupa* folliculate cheſnut-brown.

* *Limbaria.* Wings ferruginous with a black border; lower-ones beneath black ſtreaked with white.
Inhabits *England* *Harris Inſ. tab.* 5. *fig.* 4.
Body brown-aſh: *upper wings* beneath ferruginous ſpeckled with brown: *lower wings* above ferruginous with brown ſpecks and hind-margin.

Sulphuraria Wings rounded yellow with 2 brown ſtreaks; beneath with brown ſpecks ocellar dot in the middle and band.
Inhabits *Barbary*.
Antennae with a white ſhaft, the rays brown: *body* yellow, the front a little ſulvous: *lower-wings* with a ſingle ſtreak.

Albidaria. Wings rounded white; upper-pair with a black rib and tip: lower-ones with a black marginal ſpot.
Inhabits *Africa*. In the muſeum of *Sir Joſ. Banks.*
Antennæ ſetaceous at the tip: *head* white with a yellow collar: *thorax* whitiſh, the fore-part black: *abdomen* white at the baſe and tipt with brown.

Conſperſaria Wings rounded cinereous with numerous brown ſpecks.
Inhabits *Auſtria*. *Wien. Verz.* 106. 8.
Wings ſometimes with a ſubocellar brown dot in the middle.
Larva tailed whitiſh with rufous ſtreaks, tail 2-toothed.

Roraria. Wings cinereous ſpeckled with brown; upper-pair with a black dot in the middle and tip.
Inhabits *Auſtria*, on the Lotus Dorycnius.
Upper-wings with a broad brown border.
Larva cinereous with white ſegments, head pale with 2 brown ſtreaks.

Melanaria Wings ſpotted and dotted with black; upper-pair whitiſh, lower-ones yellow.
Inhabits *Europe*. *Clerk. phal.* 4. *tab.* 2.

Lutearia. All the wings pale yellow immaculate.
Inhabits *Italy*. *Antennæ* black.

Teſtaria. Wings brown teſtaceous; lower-ones ferruginous.
Inhabits *Barbary*.
Head and *thorax* brown; *abdomen* teſtaceous, beneath black; all the *wings* beneath ferruginous.

Adſperſaria All the wings yellow ſpeckled with brown.
Inhabits *Saxony*.

Angularia. Wings white ſpeckled with brown and barred with black.
Inhabits *Germany*.
Body pale: hind-margin of the *upper-wings* dotted with black: *lower-wings* whitiſh a little ſpeckled with brown.

**Atomaria.* All the wings yellowiſh with brown ſtreaks and ſpecks.
Inhabits *Europe*. *Albin. fig.* 69. *Donovan.* vii. *t.* 248. *f.* 1. 2
Wings of the *female* grey with brown ſtreaks and ſpecks.
Larva fleſh-colour with 2 brown dorſal line and lateral ſpots: *pupa* pale ferruginous.

**Proſapiaria.* Wings yellowiſh with brown ſpecks and 3 brown ſtreaks the laſt of which is compoſed of ſpots.
Inhabits

Inhabits *Europe*. *Clerk. Icon. tab.* 3. *fig.* 1.
The anteriot ſtreak on the *wings* is broader than the reſt, the middle one bifid at the thicker margin; margin of all the *wings* dotted: *lower-wings* beneath yellow with a central brown ſpot.

Bipunctaria Upper-wings cinereous with brown waves and a darker band in the middle in which are 2 black dots.
Inhabits *Auſtria*, on the Lolium perenne.
Antennae ſetaceous at the tip: *upper-wings* with a ſtreak of black dots behind: *lower-ones* cinereous.

Lichenaria. Wings varied with green and cinereous with 2 black ſtreaks, the firſt recurved, the poſterior one flexuous.
Inhabits *Auſtria*. *Wien. Verz.* 100. 8.
Margin of the *upper-wings* dotted with black: *lower-wings* grey with a waved brown ſtreak and marginal dots.
Larva rough green or cinereous varied with yellow, the ſides ſpotted with black, fore-legs with a black ſpot in which is a green dot.

Cineraria. Upper-wings grey with 2 black ſtreaks; lower-ones cinereous with a ſingle ſtreak.
Inhabits *Auſtria*. *Wien. Verz.* 100. 10.
Small, tender: margin of the *wings* dotted with black.
Larva brown, the back cinereous with tranſverſe white ſpots.

Puſaria. Wings ſnowy with 3 obſolete brown ſtreaks.
Inhabits *Europe*. *Clerk. Icon: tab.* 3. *fig.* 1.
Larva yellowiſh with red dorſal lines and ſpots.

Ocularia. Wings rounded yellow, all with a central white eye.
Inhabits *India*.
Eye on the *wings* annulate with brown: *wings* beneath ſpeckled with brown.

Luſcaria. Wings cinereous; upper-pair with brown patches; lower-ones with an ocellar dot in the middle.
Inhabits *Eaſt India*.
Antennae ſetaceous at the tip: *upper-wings* with an indiſtinct ſpot in the middle, beneath darker and the ſpot more diſtinct: *lower-wings* with a brown eye, the pupil white, beneath ſpeckled with brown with a brown band in the middle in which is the eye.

Annularia.

Annularia. Wings cinereous with a brown ſtreak ring and bands.
Innabits *Germany*. *Naturf.* 11. *tab.* 12.
Antennae ſetaceous at the tip: all the *wings* with a flexuous ſtreak at the baſe, ring in the middle and 2 bands behind, the anterior of which is indented and broader; behind the bands is a terminal row of black dots. Beneath all whitiſh immaculate.

Capreolaria Wings grey with a deeper band, a black dot in the middle and line at the tip.
Inhabits *Auſtria*, on the Pinus Picea. *Wien Verz.* 105. 2.
Upper-wings grey ſpeckled with brown, in the middle a broad band in which is a black dot: *lower-wings* cinereous with brown ſtreaks and ſpecks. Beneath all cinereous with a black upper-pair and a ſtreak of them on the lower.

Proximaria. Wings cinereous; all with 3 brown ſtreaks.
Inhabits *Keil*. *Body* cinereous.

Murinaria. Wings grey with 2 brown ſtreaks and a dot in the middle.
Inhabits *Auſtria*. *Wien. Verz.* 105. 4.
Body grey: *lower-wings* with a brown dot in the middle and ſtreak behind; all beneath grey immaculate.

**Defoliaria* Wings grey ſpeckled with brown, white in the middle with a brown dot: female apterous dotted with black.
Inhbits *Europe*. *Clerk. Phal. tab.* 7. *fig.* 4.
Larva ferruginous with a ſulphur line down the ſides: *pupa* cheſnut-brown.

Hirsutaria Wings cinereous with a waved brown ſtreak connected to a white one.
Inhabits *Europe*.
Upper-wings with an obſolete brown ſtreak in the middle and another indented one near the tip and an adjoining white one, the hind-margin dotted with black: *lower-wings* and all beneath whiter with a central brown dot.

Pedaria. Wings greeniſh-grey ſpeckled with brown: legs annulate with white: female apterous.
Inhabits *Germany*, on the Betula Alnus.

Hiſpidaria. Wings brown-aſh with a darker waved ſtreak, the margin dotted with white: antennæ yellow.

Inhabits

Inhabits *Auſtria*. *Wien. Verz.* 99. 4.
Body hairy grey-brown: reſembles the next.

Hirtaria. Wings hairy grey with 3 black ſtreaks, the hinder-ones approximate: antennæ black.
Inhabits *Europe*. *Clerk. Icon. tab.* 7, *fig.* 1.
Larva ferruginous with pale rufous lines edged with black.

Horridaria. Wings gloſſy-black with darker ſtreaks.
Inhabits *Austria*. *Wien. Verz.* 100. 7.
Body black immaculate.

Veſpertaria. Wings yellowiſh with 2 brown ſtreaks, the firſt angular the poſterior one ſeparating the darker border.
Inhabits *Europe*. *Donovan.* vii. *tab.* 233. *fig.* 3.
All the *wings* ſpeckled with brown.

Vauria. Wings cinereous; upper-pair with 4 ſhort irregular bands, the middle one reſembling the letter L.
Inhabits *Europe*. *Donovan.* vi. *tab.* 196. *Albin. t.* 47. *fig.* 78.
Merian Europe 1. *tab.* 25. *fig.* 151. *Wilkes tab.* 2. a. 1.
Larva ſlightly hairy green dotted with black with a yellow dorſal and lateral line: *pupa* naked ferruginous pointed.

Pictaria. Wings varied with cinereous and brown with 2 black ſtreaks, the lower-one waved.
Inhabits *Kent*, tender.
Wings with a mixture of green; beneath pale ſpeckled with green with a green dot and ſtreak behind.

Albaria. Wings ſnowy immaculate; upper-pair beneath browniſh.
Inhabits *Auſtria*. *Hybn. Beytr.* 3. *tab. fig* .3. *R.*

Cretaria. Wings whitiſh, all of them immaculate.
Inhabits *Italy*.
Antennæ brown with a white ſhaft.

Pluviaria. Wings cinereous ſpeckled with brown; upper-pair with 2 brown ſtreaks, lower-ones with one.
Inhabits *Saxony*
Antennæ beneath with a white ſhaft: *body* cinereous: *upper-wing* beneath with an oblong brown ſpot on the diſk.

Praſinaria. Wings green with 3 ſtreaks, the fore-ones darker, the hind-one pale.

Inhabits *Germany*. *Wien. Verz.* 97. 2.
Larva green with a lateral white line, head neck and tail 2-toothed.

Smaragdaria. Wings green; upper-pair with 2 white ſtreaks and dot in the middle.
Inhabits *Austria*.
Upper-wings with 2 connected lunules near the baſe: *lower-wings* immaculate: beneath all greeniſh with a pale ſtreak.

**Ditaria.* Wings green with ferruginous marginal ſpots.
Inhabits *Europe*. *Donovan.* vi. *tab.* 202. *fig.* 2.
Antennae cinereous with a white ſhaft: *upper-wings* green with obſolete white ſtreaks and a large ferruginous ſpot at the tip of the thinner margin: *lower-wings* rounded green the margin whitiſh with a fine black ſtreak, a large ferruginous ſpot at the tail and another at the tip of the outer margin: beneath all pale.

**Viridaria* Wings rounded green with whitiſh ſtreaks and marginal black dot.
Inhabits *England*. In the muſeum of Sir. *Joſ. Banks*
Upper wings with a white ſtreak at the baſe ending in a black dot at the thicker margin, in the middle are 2 white waved ſtreaks ending in large black dots at the thicker edge and meeting at the thinner margin with a ſmall black dot at the end, behind is a ſtreak of obſolete white dots, a few minute black ones at the thicker margin and a larger one at the tip, the hind margin cinereous and brown: *lower-wings* and all beneath cinereous with brown ſtreaks.

Feſtivaria Wings rounded pale grey; upper-pair with 2 green ſpots, lower-ones with one.
Inhabits—— *Antennae* ſetaceous at the tip.
The green ſpots on the *upper-wings* edged with white. Beneath reddiſh.

Pegaria. Wings rounded blue-black with a macular white band at the tip.
Inhabits *China*. *Cramer.* 27. *tab.* 332. C.
Body brown with a blue gloſs.

Tripunctaria. Wings brown; upper-pair with white ſtreaks at the baſe and a macular band; lower-ones white at the baſe.

Inhabits

Inhabits *Asia*. *Cramer* 2. *tab.* 22. *fig.* E.
The band on the *wings* incompoſed of 5 white ſpots.

Corvaria. Wings ſtriate, both ſurfaces alike, black tipt with white.
Inhabits *South America*.
Body black; *breast* and *thorax* with ferruginous hairs.

Carbonaria Wings rounded brown ſubfaſciate with yellow; antennæ ſetaceous at the tip.
Inhabits *Auſtria*. *Wien. Verz.* 100. 5.
Head and *thorax* black: all the *wings* with waved darker ſtreaks and yellow ones which are terminated at the thinner margin in a large yellow ſpot.
Larva black with numerous hairy ſulvous protuberances.

Iatrophbaria. Both ſurfaces of the wings alike, black with 2 yellow ſpots on the upper-pair and one on the lower.
Inhabits *America*. *Merian. Surin. tab.* 38. *fig.* 1.

Luctinaria. Wings black; upper-pair with a macular white band; lower-ones with a white dot in the middle.
Inhabits *East India*. *Cramer* 11. *tab.* 128. *fig.* E.

Catilinaria Both ſurfaces of the wings alike, black with 2 greeniſh bands and a macular white ſtreak
Inhabits *Surinam*. *Cramer*. 7. *tab.* 72. E, F.
Thorax dotted with white.

Senaria. Both ſurfaces of the wings alike, white varied with black: body yellow ſpotted with black.
Inhabits *China*. *Cramer*. 13. *tab.* 147. E.
Upper-wings white at the baſe ſpotted with black, the tip black with 5 white dots: *lower-wings* white with 3 black ſubmarginal ſpots: *thorax* yellow dotted with black: *abdomen* with 6 black belts and 3 black dots at the tip.

Costaria. Wings brown; upper-pair with a fleſh-colour band biſid at the tip; lower-ones dotted with white.
Inhabits——In the *Britiſh Muſeum*.
Thorax black with a marginal yellow band before: *abdomen* brown tail yellow: rib of the *upper-wings* yellowiſh at the baſe. Beneath black with white ſpots at the baſe.

Lateraria. Wings brown-ferruginous with brown ſtreaks and a cinereous ſpot on the rib.
Inhabits *India*.

Antennæ white: *body* brown: *upper-wings* with a brown dot in the middle: beneath all lead-colour with a darker hind-margin.

Fenestraria. Wings rounded black ſtreaked and ſpotted with blue.
Inhabits *China*. In the muſeum of Sir. *Joſ. Banks*.
Head and *thorax* black dotted with white: *abdomen* above brown beneath whitiſh.

Venaria. Wings yellow with black margin and dilated branched veins.
Inhabits *India*. *Cramer*. 3. *tab*. 29. A.
Antennæ blue with black rays: *head* blue, the hind-margin white *thorax* brown with blue and white ſpots.

Mæniaria. Upper-wings cinereous with a broad brown band in which are 2 approximate black dots.
Inhabits *Austria*. *Wien. Verz*. 112. 1.
Body and *lower wings* cinereous: *upper-wings* with a broad band 1-toothed behind and margined each ſide: in the middle a paler band in which are 2 dots, the tip ending in a brown line.

Obliquaria Wings black; upper-pair with an oblique white band; lower ones with a broad yellow band.
Inhabits *Siam*. In the muſeum of Sir *Joſ. Banks*.
Antennæ black with a blue ſhaft: *body* black, ſpotted with blue beneath, the ſegments edged with white: *wings* beneath ſpotted with blue.

**Pulveraria.* All the wings powdered with teſtaceous with a broad ferruginous band.
Inhabits *Europe*. *Clerk. Icon. tab*. 5. *fig*. 6.

* *Faſciaria.* All the wings reddiſh with a broad ferruginous band edged with white.
Inhabits *Europe*. *Clerk. Icon. tab*. 5. *fig*. 5.
Larva 12-footed rufous varied with brown and white, head reddiſh.

**Diverſaria.* Upper-wings reddiſh, lower-ones whitiſh; the margin of all dotted with black.
Inhabits *England*. In the Collection of Mr. *Francillon*.
Head and *thorax* duſky: *abdomen* cinereous: under-ſurfaces of the *wings* uniform, the lower-ones with a black dot in the middle.

Marginaria.

Marginaria Wings whitiſh powdered, all with a marginal ſtreak of black dots.

Inhabits *Hamburg*.

There are 2 varieties of this ſpiecs. In one the *upper-wings* are whiter with 3 brown ſtreaks: *lower-wings* white with a brown ſtreak and central dot. In the other the *upper-wings* are more yellow with darker tips: *lower-wings* with only a central brown dot. In both are diſtinct black marginal dots.

**Betularia* All the wings white ſpeckled and waved with black; thorax with a black band; antennæ ſetaceous at the tip.

Inhabits *Europe*. *Donovan.* vii, *tab.* 237. *Aldin t.* 91. 92.

Larva duſky with ſcattered tubercles, head bifid, tail truncate: *pupa* naked claret-brown.

Legs blck annulate with white.

Nitidaria. Wings ſilvery with 2 oblique brown ſtreaks on the upper-pair.

Inhabits *Southern Europe*.

Body white: *lower-wings* immaculate, beneath with a brown ſtreak and ſpecks.

**Prodromaria.* Wings white ſpeckled with black with 2 broad dark ferruginous bands.

Inhabits *Europe*. *Donovan.* vii *tab.* 219.

Male. *Antennæ* pectinate yellow: *upper-wings* with a ſpot between the bands: *lower wings* without the band. *Female*. *Antennæ* ſetaceous: *lower-wings* with a ſingle band.

Larva ſometimes brown ſometimes ferruginous, head red: *pupa* ſolliculate chefnut-brown and remains under ground.

Sacraria. Wings yellow with an oblique red ſtreak.

Inhabits *Africa*.

Antennæ ſetaceous at the tip.

Linguaria Wings cinereous; upper-pair with a broad darker band in the middle of which is a black dot.

Inhabits *Europe*. *Rees. Inſ. phal* 3. *tab.* 9.

Larva rough varied with cinereous and brown: *pupa* ſolliculate, brown before ferruginous behind.

Grifaria. Wings grey: upper-pair with a broad darker band in the middle of which is a black dot.

Inhabits *Europe*; probably a variety of the laſt.

The band terminating each ſide with ferruginous, the margin immaculate.

Cre-

Crenaria. Wings yellowiſh ſpeckled with brown; upper-pair with a black dot in the middle.
Inhabits *Germany*.
All the *wings* pale yellow with a broad darker band in the middle.

**Plumbaria.* Wings plumbeous with 3 brown ſtreaks and a dot in the middle.
Inhabits *England*. *Wien. Verz.* 202. 7.
Antennae ſetaceous at the tip; *lower-wings* and all beneath cinereous immaculate.

Lignaria. Wings blackiſh ſubfaſciate with grey.
Inhabits *Saxony*, in rotten wood.
All the *wings* with numerous grey ſtreaks.
Larva black with 4 lines of pale dots.

Fulvaria. Wings pale yellowiſh with a deeper ſtreak on the upper-pair behind.
Inhabits *Italy*; ſmall.
Body black, tail yellow.

**Purpuraria.* Wings yellow; upper-pair with a purple margin and 2 bands.
Inhabits *Europe*. *Clerk Icon. tab* 9. *fig.* 11,
Larva green, the back brown with a pale line.

Arteſiaria. Wings grey with an oblique white ſtreak and ferruginous ſpot.
Inhabits *Auſtria*. *Wien Verz.* 102, 2.
Lower-wings immaculate.

Aureolaria. Wings deep yellow with 3 brown ſtreaks and margin.
Inhabits *Auſtria*. *Hybn. Beytr.* 2. *tab.* 3. F.
Lower-wings with only 2 ſtreaks.
Larva glabrous whitiſh, the back darker with a brown line.

Pratanaria Wings cinereous with brown waves and a black dot in the middle.
Inhabits *Barbary*.
Shaft of the *antennae* varied with white and black, the rays black: *body* black, the edges of the ſegments white: *wings* beneath cinereous with a darker dot in the middle and waved ſtreaks.

Silvaria. Upper-wings yellowiſh with an oblique brown band and ſpecks.
Inhabits

Inhabits *Auſtria*. *Wien Verz.* 102, 10.
Lower-wings whitiſh.
Larva cinereous with ferruginous lines and a whitiſh ſtripe down the back.

Herbaria. Wings green with a black dot in the middle.
Inhabits *South American Iſlands*.
Heaa and *antennæ* white: *thorax* green; *abdomen* cinereous: *wings* paler beneath without the dot.

Brunnearia Wings deep yellow with a black margin above and 2 black ſtreaks beneath.
Inhabits *Italy*; ſmall, tender.

Fuliginaria Wings black with white bands; beneath grey with brown bands.
Inhabits Shrubberies of *Sweden*.

Minutaria. Wings cinereous with brown ſtreaks and band behind.
Inhabits *Italy*, minute black.

Pygmaria. Wings cinereous, the baſe brown terminated by a black ſtreak.
Inhabits *Kiel*; ſmall.
Upper-wings cinereous behind the baſe with a brown ſtreak or two, beneath cinereous with a central brown lunule.

b. *Antennæ ſetaceous.*

Polita. Wings angular tailed yellow; upper-pair with 2 punctured rufous bands.
Inhabits *Surinam*. *Cramer*. 12. *tab*. 139. E.
Between the bands at the thicker margin is a brown lunule with rufous dots.

Caudata. Wings angular tailed white with brown bands and 3 black dots near the tail.
Inhabits *Java*. *Cramer*. 9 *tab*. 104. D.

Lætata. Wings tailed green with a marginal brown band which on the upper-pair is bifid at the tip.
Inhabits *Eaſt India*.
Lower-wings with a green ſpot in the margin.

Faſciata. Wings angular plumbeous with a ſnowy band.
Inhabits *India*. *Antennæ* yellow.
Upper-wings yellowiſh at the thicker margin: *lower-wings* with 2 black ſpots ſurrounded with a yellow ring behind the band.

Anguiata.

Angulata. Wings angular tailed with larger and ſmaller grey ſtreaks, and a black dot near the tail.

Inhabits *Africa*, ſmall tender.

Body white: *lower-wings* with 2 lateral ſmaller dots near the larger one: beneath all white.

Cynata. Wings angular varied with brown white black and fulvous; lower-ones beneath white.

Inhabits *Surinam. Cramer.* 2. *tab.* 14. C, D.

Upper-wings brown, white in the middle, tipt with black and ſpotted with fulvous: *lower ones* brown, black in the middle, ſpotted with fulvous with a flexuous whitiſh ſtreak, the tip whitiſh.

Arenata. Wings angular, above immaculate, beneath with brown ſtreaks and ſpecks.

Inhabits *Tranquebar.*

Lower-wings beneath ſpeckled with brown with a ſtreak before the middle, then another of dots then a few waves.

Regulata. Wings angular cinereous with a brown patch on the upper-pair

Inhabits *Braſil.* In the muſeum of Sir *Joſ. Banks.*

Upper wings emarginate, with an abbreviated brown band at the thicker margin, the notch with a brown lunule; beneath cinereous ſpeckled with brown and 3 brown ſtreaks, the tip a little yellowiſh: *lower-wings* cinereous with a ſmall brown dot in the middle, and a waved marginal brown ſtreak; beneath 2 brown ſtreaks a few ſpecks and dot in the middle, the tip yellowiſh.

* *Falcata.* Wings falcate fulvous with 2 brown dots between 2 yellow ſtreaks.

Inhabits *England. Wien. Verz.* 64, 4.

Upper-wings with a brown patch towards the tip: *lower-ones* paler. Beneath all immaculate.

Flexulata. Wings emarginate grey with 2 brown dots between 2 whitiſh ſtreaks

Inhabits *Germany. Hybn. Beytr* 1. *tab* 4. *Z.*

Body grey: *head* brown: indentation of the wings fulvous: *lower-wings* grey with a white ſtreak and brown central dot. Beneath all reddiſh with a black dot.

Mantata. Wings angular brown with a darker band and on the upper-pair a black ocellar dot.

Inhabits *Surinam. Cram.* 1. *tab.* 10. *fig.* F.

Dot in the middle of the *upper wings* with a ferruginous iris.

Liturata

turata. Wings angular varied with grey and yellow; upper-pair with a white ſpot in the middle and marks near the rib.

Inhabits *India*. *Body* beneath white.

Upper-wings with a large blackiſh ſpot ſurrounded with a ſnowy arch at the hind-margin. Beneath all cinereous with a central black dot.

Glaucata. Wings angular indented cinereous with 2 pale ferruginous ſtreaks and dot in the middle and ſtreak of dots beneath.

Inhabits *Barbary*; large

Antennae ſnowy: *body* white downy: *lower-wings* with a ſingle ſtreak only. Beneath all paler ſpeckled with brown and a ſtreak of 6 or 7 cheſnut-brown ſpots.

Netrata. Wings angular indented green; lower-ones with a white ſpot in the middle.

Inhabits *America*. *Cramer*. 13. *tab*. 151. F.

Thorax yellow: *abdomen* rufous, yellow at the baſe: all the *wings* angular, ſpeckled with brown and with a ferruginous hind-margin.

Phylirata. Wings angular green with a ſubocellar fulvous ſpot.

Inhabits *Surinam*. *Cramer*. 15. *tab*, 170. D.

All the *wings* with a fine fulvous margin.

Demandata Wings ſubangular yellowiſh with 3 brown ſtreaks and a black dot in the middle.

Inhabits *Germany* *Wien. Verz*. 104, 10.

All the *wings* finely ſpeckled with purple.

Explanata. Wings indented ferruginous with a brown band in which is a black dot.

Inhabits *China*.

Wings terminated by a whitiſh ſtreak and a black waved one.

Rhamnata. Wings indented browniſh with a darker indented band in the middle in which is a black lunule; beneath a brown dot and ſtreak.

Inhabits *Auſtria*. *Wien Verz*. 109, 2.

Larva green with a brown dorſal line, the edges of the ſegments yellow, head brown.

* *Dubitata.* Wings indented waved with brown grey and black, the nerves dotted with white.

Inhabits *Europe*. *Donovan*. vii. *tab*. 246. *fig*. 2.

Upper-wings with a darker band in the middle: *lower-wings* grey with a dull ferruginous margin, the nerves dotted with white.
Larva green with brown and pale lines and a lateral yellow one.

Cinerata. Wings subangular cinereous with 4 brown ſtreaks.
Inhabits *Germany* *Body* brown.
Wings beneath cinereous with obſolete white ſtreaks.

**Dimidiata* Wings indented, yellow before and brown behind.
Inhabits *England* In the collection of Mr. *Monſon*
Wings rounded indented, the firſt half yellow with brown ſpecks dot and 2 ſtreaks, lower-half brown.

Irrorata. Wings indented yellow ſpeckled with brown; beneath a brown ſtreak and band behind.
Inhabits *India.*
All the *wings* beneath yellowiſh with a brown lunule in the middle and broad brown band behind.

Flavata. Wings indented yellow with a brown band behind.
Inhabits *Eaſt India.*
Body yellow: *antennae* blackiſh: all the *wings* beneath with a pale ferruginous dot in the middle and marginal band, the lower-ones with a yellow ſpot in the margin.

Cerinata. Wings indented varied with yellow and brown with an angular black ſtreak.
Inhabits *Eaſt India.* *Cramer.* 11 *tab.* 128. F.
Upper-wings with 2 black ſpots in the middle.

**Viridata.* Wings angular; all green with a pale ſtreak.
Inhabits *Europe.* *Harris lef* 7. *tab.* 3. *fig.* e—i.
Larva fleſh-colour with a darker line down the back, head and neck 2-toothed.

Furvata. Wings indented grey-brown with a broad indented darker band.
Inhabits *Auſtria.* *Hybn. Beytr.* 4. *tab.* 2. *fig.* I.
Antennae ferruginous within: *wings* with an obſolete pale ſtreak behind the band. Beneath all darker at the baſe and paler at the tip.
Larva livid with fleſh-colour waves and black dots, behind are 3 pair of ſmall teeth the middle one leſs.

Lividata. Wings indented grey with black waves and a ſubocellar dot in the middle.

Inhabits

Inhabits *Auſtria*. *Wien Verz.* 108. 3.
Wings beneath cinereous with a waved black ſtreak at the tip.
Larva brown dotted with white, 2-toothed behind, head cinereous.

Obſcurata. Wings indented grey with obſolete paler waved ſtreaks.
Inhabits *Sweden*, on the Myrtillus.
Baſe of the *upper-wings* a little browniſh.

**Strigata.* Wings indented cinereous with a broad brown band in which is a waved black ſtreak.
Inhabits *England*. In the collection of Mr. *Francillon*.
Body cinereous: *upper wings* with a black dot in the middle and terminal band at the tip: *lower-wings* deeply indented, cinereous with tranſverſe brown lines, in the middle a broad brown band in which is a black ſtreak. Beneath cinereous with a brown dot on the upper-pair and a brown dot and ſtreaks on the lower-ones.

Calcantha-ta. Wings rounded indented brown marbled; all with a broad ſlexuous paler marginal ſtreak.
Inhabits *America*. *Smith's Lepidopt. Inſ. of Georgia.*

**Notata.* Wings angular pale with 3 browner ſtreaks; upper-pair with 4 approximate dots.
Inhabits *Europe*. *Clerk Icon tab.* 6. *fig.* 11.

Pulchellata Wings angular whitiſh with an obſcure dot in the middle and marginal band.
Inhabits *Eaſt India*.
Upper-wings with 2 larger black dots near the tip joined by a fine ſtreak, the margin darker with a ſtreak of black lunules: *lower-wings* with a black dot in the middle, marginal waves and ſtreak of lunules behind. Beneath all whitiſh with a black dot in the middle and 2 ſtreaks behind.

Nitata. Wings ſlightly indented dull grey, beneath paler with a brown dot and band.
Inhabits *Germany*; ſmall
All the *wings* waved above with a few obſolete black ſpecks.

Areata. Wings angular ſnowy; upper-pair with a marginal brown ſpot; lower-ones with 4 approximate brown ſtreaks.
Inhabits *Surinam*. *Cramer.* 5. *tab.* 56. D.

Sponſata. Wings angular brown-aſh varied with fulvous, in the middle a tranſparent white ſpot and coſtal dots.

Inhabits *Sierra Leona.*

Body grey with fulvous ſpecks: *upper-wings* with darker waved ſtreaks and fulvous ſpots near the rib, a larger one in the middle and in this a large tranſparent lunule, beſides theſe are 5 ſnowy dots on the rib: *lower-wings* with a fulvous ſpot in the middle. Beneath all whitiſh with a waved brown ſtreak and hind-margin.

Luſcata. Wings angular brown; upper-pair with a darker band in which is an ocellar whitiſh ſpot.

Inhabits *Cayenne.*

Upper-wings with 2 black dots towards the tip: *lower-wings* with 3 paler ſtreaks. Beneath all brown with a whitiſh ocellar ſpot on the upper-pair.

Decorata. Wings ſubangular cinereous; upper-pair with 3 yellow bands, lower-ones with a ſingle one, all with a gold edge.

Inhabits *Jamaica.* In the collection of Mr. *Yeates.*

The third band on the *upper-wings* is common and terminating at the thicker margin by a gold dot, the margin terminating in a ruſty brown ſtreak: *lower-wings* with an abbreviated black ſtreak at the angle of the tail, behind the band is a pale fulvous ſpot with a contiguous ſmaller-one and a gold dot. Beneath all cinereous: *abdomen* cinereous, the edges of the ſegments yellow.

Porata. Wings pale with rufous ſpecks, all with an ocellar white dot.

Inhabits *Europe. Wien. Verz.* 107. 2.

The ocellar dot with a black iris; hind-margin dotted with black. Beneath all paler immaculate.

Larva green with lateral rufous lines and dots.

**Emarginata.* Wings emarginate pale with 2 grey bands and a brown dot.

Inhabits *Europe. Clerk. Phal. tab.* 4. *fig.* 12.

Bicolorata. Wings ſtriate blueiſh; tip of the upper-pair black ſpotted with white.

Inhabits *Surinam. Cramer.* 12. *tab.* 143. A.

Thorax brown dotted with white: *abdomen* brown.

Groſſu-

*Groſſulariata. Wings whiſh with round black ſpots and 2 yellow ſtreaks on the upper-pair
Inhabits *Europe*. *Donovan.* i. *tab.* 4, *Albin. tab.* 43. *fig.* 71. *Merian Europ.* 1. *tab.* 29. *Wilks tab.* 2. a 1.
Abdomen pale fulvous with black ſpots.
Larva a little hairy, above cinereous with black ſpots, beneath yellow: *pupa* folliculate black with yellow bands.

Gravidata. Wings yellow with fulvous ſpecks; upper-pair with about 3 brown bands, lower-pair with one.
Inhabits *Tranquebar*.
Head yellow with 2 roſy ſpots: *antennae* yellow, longer than the body: *thorax* yellow: *lower-wings* beneath roſy at the tip.

Rojata. Wings rounded, both ſurfaces alike, roſy ſpotted with yellow.
Inhabits *Amboina*. *Cramer. tab.* 368. *fig.* F.
Head roſy: *thorax* roſy before: *legs* long yellow.

*Undulata. All the wings with numerous crowded undulate ſtreaks.
Inhabits *Europe*. *Harris Inſ. tab.* 2. *fig.* 5. 6.

Heſperata. Wings rounded, both ſurfaces alike, blueiſh with a broad white band.
Inhabits *India*. *Cramer* 5. *tab.* 56. C.

Flaveolata. Both ſurfaces of the wings alike, black with a common yellow crenate diſk.
Inhabits *India*. *Cramer* 8. *tab.* 88. C.

*Populata. Wings pale yellow; upper-pair ſubfaciate at the tip, beneath darkened with brown.
Inhabits *Europe*. *Clerk. Phal. tab.* 5. *fig.* 14. 15.

Pyraliata. Wings yellow with 4 waved brown ſtreaks, the hinder-one compoſed of ſpots.
Inhabits *Auſtria*. *Wien. Verz*, 117. 1.
Upper-wings beneath with a brown dot in the middle ſtreak behind and dot at the tip: *lower-wings* above paler with a brown ſtreak, beneath a brown dot in the middle and 2 ſtreaks.

*Comitata. Upper-wings yellowiſh with 3 grey bands, a brown dot and line at the tip.
Inhabits *Europe*. *Wien. Verz.* 112. 2. 3.
Larva varied with green and ferruginous, head pale with 2 brown lines.

*Ulmata.

**Ulmata.* Wings white with 2 ferruginoos-brown bands, the hinder-one compoſed of ſpots.
Inhabits *Europe*. *Panz.* 4. *tab.* 22. *Sepp.* 6. *tab.* 3.
Donovan's Engliſh Inſects ix. *tab.* 293. *fig.* 1.
All the *wings* beneath white with brown ſpots.
Larva green with blaek lines, head and tail black: *pupa* folliculate blueiſh.

Colorata. Upper-wings yellowiſh with darker bands and a teſtaceous ſpot at the tip edged with white.
Inhabits *Zealand*.
Lower-wings cinereous with darker ſtreaks. Beneath upper-pair browniſh with a yellowiſh rib, lower-ones cinereous with a brown dot in the middle and 2 ſtreaks.

Dealbata. Wings white with black veins beneath.
Inhabits *Germany*. *Sulz. Hiſt. Inſ. tab.* 23. *fig.* 3.

Aurata, Wings rounded fulvous with gold dots and a gold ſtreak behind.
Inhabits *Suriuam*. *Cramer.* 5. *tab.* 53. F.

**Prunata.* Wings grey-brown with 2 pale flexuous bands, the poſterior one nearly terminal.
Inhabits *Europe*. *Donovan.* vii. *tab.* 233 *fig* 1.
Lower-wings cinereous with white waved ſtreaks behind.
Larva cinereous with rufous ſpots on the back, legs rufous, collar blaek.

**Cratægata.* Wings deep yellow with 3 ferruginous ſpots on the rib of the upper-pair, the middle one ſomewhat ſilvery.
Inhabits *Europe*. *Wilks. tab.* 1. b. 4. *Clerk. phal. t.* 5. *f* 15.
Larva grey with a double tubercle on the back; *pupa* folliculate brown with ferruginous ſpots.

Aurantiata Wings ferruginous-brown with cinereous ſtreaks: lower-ones orange with a central brown ſpot
Inhabits *Germany*. *Frank. Beytr.* 2 *tab.* 1.
Lower-wings with brown ſpeeks and margin. Beneath upper-pair orange with brown ſpecks and ſtreak behind.

**Ferrugi-nata.* Wings orange with brown ſpots waves and ſtreaks and a line of white dots along the anterior margin.
Phalæna aurantiago. *Donovan.* v. *tab.* 150. *fig.* 2.
Inhabits *England*, on the Oak.

Thorax

Thorax orange: *body* cream-colour: *lower-wings* cream-colour with a darker flexuous ſtreak and margin.

Equeſtrata. All the wings black with a fulvous band.
Inhabits *Germany*. *Wien. Verz.* 115. 14.
Antennae thick black: *body* black.

Atrata. Wings black; upper-pair with a fulvous band; lower-ones immaculate.
Inhabits *Cayenne*. Ph. dimidiata. *Fabric. n.* 179.

Lucidata. Wings dull blue with a ſtreak of gold dots.
Inhabits *Surinam*. *Cramer* 11. *tab.* 128. D.

Puderata. Upper-wings roſy with a broad yellowiſh band.
Inhabits *Barbary*.
Body yellowiſh, beneath roſy: *upper-wings* with an obſolete yellow ſtreak behind: *lower-wings* yellow with a roſy patch near the tail and hind-margin.

**Marginata.* All the wings white, the exterior margin with a brown interrupted border.
Inhabits *Europe*. *Donovan.* ix. *tab.* 293. *fig* 2.
Wings with ſometimes a few black ſpots on the diſk.

**Miata.* Wings grey with 3 green bands, the middle one broader and waved with brown.
Inhabits *Europe*. *Clerk Phal. tab.* 8. *fig.* 2.

Rubidata. Upper-wings brown with 2 ferruginous bands.
Inhabits *Auſtria*. *Wien. Verz.* 113. 22.
Upper-wings cinereous at the thinner margin.

Cærulata. Wings dull green with brown bars and 2 blue bands.
Inhabits *Hamburgh*.
Head and *thorax* greeniſh: *abdomen* cicereous.

Rufata. Wings cinereous, behind ferruginous with a white ſtreak and black marginal dots.
Inhabits *Europe*. *Hybn. Beytr.* 2. *tab.* 2. *fig.* k.
Body cinereous: *wings* cinereous at the baſe with 2 or 3 rufous dots.

Hirtata. Wings brown with a darker ſtreak connected with a brown one.
Inhabits *Italy*.

Body

Body black : *head* very hairy : *wings* brown-cinereous with an indiſtinct black dot in the middle, behind this a waved darker ſtreak ending in cinereous behind, hind-margin dotted with black.

Spartiata. Wings oblong brown with a whitiſh fillet ; lower-ones cinereous.
Inhabits *Germany*. *Fyeſl. Arch.* 2. *tab.* 5.
Upper wings with a whitiſh ſtreak behind.
Larva green or yellow with a white lateral line : *pupa* pale ferruginous.

Berberata. Upper-wings cinereous with 3 brown bands, the hinder-one waved with black.
Inhabits *Auſtria*. *Wien. Verz.* 113. 23.
Upper-wings ending in a black line at the tip : *lower-wings* cinereous.
Larva rough varied with brown rufous and white.

**Decuſſata* Wings cinereous with 4 black ſtreaks, the 2 middle ones flexuous and croſſing each other.
Inhabits *England*. *Donovan.* viii. *tab.* 266. *fig.* 3.
Lower-wings with a few waved black lines.

**Albicillata.* Wings whitiſh with a brown margin and ſpot at the baſe and tip.
Inhabits *Europe*. *Donovan.* vi. *tab.* 202. *fig.* 1.
Larva green, the fore and hind ſegments with a ferruginous lateral line, middle-ones with a ferruginous dorſal lunule : *pupa* naked brown.

Illibata. All the wings white immaculate.
Inhabits *Auſtria*. *Wien Verz.* 116, 5.

**Haſtata.* All the wings white irregularly barred and ſpotted with black.
Inhabits *Europe*. *Donovan.* iv. *tab.* 129. *fig.* 1—3.
Larva reddiſh-brown with lateral flexuous yellow ſpots : *pupa* folliculate reddiſh-brown.

**Triſtata.* All the wings black with 2 white immaculate bands.
Inhabits *Europe*. *Clerk. Phal. tab.* 1. *fig.* 13.

**Clathrata* All the wings yellowiſh with black lines and ſtreaks croſſing each other.
Inhabits *Europe*. *Donovan.* vii. *tab.* 248. *fig.* 3.

Diverſata.

Diverſata All the wings brown-cinereous with white lines and ſtreaks in various directions.
Inhabits *Auſtria*. *Wien. Verz.* 107. 7.

Averſata. Wings pale with a brown ſtreak at the baſe band in the middle and dot.
Inhabits *Europe*. *Clerk. Phal. tab.* 5. *fig.* 7.
2. Wings upper-pair grey; with a brown ſtreak and dot. Margin of the *wings* a little dotted with black.

Clavellata. Wings cinereous with 2 waved brown ſtreaks and ſubocellar dot.
Inhabits *Italy*.
Wings beneath whitiſh with a brown dot in the middle.

Syerata. Wings rounded black with a ferruginous ſtreak; upper-pair cinereous at the thicker margin.
Inhabits *Surinam*. *Cramer.* 2. *tab.* 19. F.
Body cinereous: *abdomen* black.

Aſinata. Wings grey-cinereous immaculate.
Inhabits *Auſtria*. *Wien. Verz.* 116. 2.

**Chæro-phyllata.* Black; wings erect; upper-pair white at the tip.
Inhabits *Europe*. *Donovan.* vii. *tab.* 233. *fig.* 4.

**Procellata* Upper-wings white with 3 brown bands, the middle-one reaching half way acroſs, the hind-one marginal with a white ſpot in the middle.
Inhabits *Europe*. *Donovan.* vi. *tab.* 202. *fig.* 3.
Lower-wings white edged and ſtreaked with brown: *head* and *thorax* brown: *abdomen* whitiſh.

**Fluctuata.* Wings pale cinereous with 3 abbreviated brown bands on the upper-pair.
Inhabits *Europe*. *Merian. Europe. tab.* 120.

Obliquata. Wings dull cinereous with 3 oblique cheſnut-brown ſtreaks.
Inhabits *France*; ſmall.
Lower-wings cinereous with a brown ſtreak behind.

Reticulata. Upper-wings brown reticulate with white.
Inhabits *Auſtria*. *Wien. Verz.* 114. 3.
Lower-wings dull cinereous with whitiſh ſtreaks at the tip.

Scribata. Wings greenish speckled and streaked with brown, with 2 black dot behind.
Inhabits *Kiel.*
First streak on the upper-wings slender, 2 longer flexuous, 3, 4 abbreviated, 5 towards the tip sinuate with an adjoining oblong black dot: beneath cinereous with a greenish rib and spotted with brown.

**Bilineata.* Wings yellow with testaceous waves and brown flexuous band and white streaks.
Inhabits *Europe* *Donovan* viii. *tab.* 217. *fig.* 3.
Larva greenish nearly immaculate and sometimes with white lines.

Bimaculata Wings white; upper-pair with 2 brown spots on the rib.
Inhabits *Germany.* *Hybn. Beytr.* 4. *tab.* 4. *fig.* Y.
Body white: *antennæ* black: *wings* with a few brown specks. Beneath all white with a brown central dot.

Rubiginata Wings snowy with 2 ferruginous bands, the hinder-one reaching half way across and containing a subocellar black dot.
Inhabits *Austria.* *Sulz. Inf. tab.* 23.
Hind-margin brown with a white streak.

Centonea-ta. Wings whitish with a brown spot on the rib including 2 black lunule.
Inhabits *Austria.* *Wien. Verz.* 114. 7.
Upper-wings with a few brown specks: *lower-wings* white with a black dot in the middle.
Larva green spotted with red.

Adustata. Upper-wings whitish with 2 brown bands, the hinder-one flexuous with cinereous waves.
Inhabits *Austria.* *Wien. Verz.* 114, 9.
Larva green with a marginal white spot dotted with red.

**Volutata.* All the wings green with 2 white streaks.
Inhabits *Europe.* *Harris. Inf. tab.* 8. *fig.* 8.

Fimbriata Wings plumbeous with a brown band edged with yellow and containing a black dot.
Inhabits *Germany.* *Schaeff. Icon. tab.* 80. *fig.* 6. 7.
Body lead-colour: *upper-wings* with a few brown dots behind and patch at the tip: *lower-wings* and all beneath cinereous.
Larva green annulate with yellow, with an oblong ferruginous spot on the neck: *pupa* green, ferruginous before.

Quadri-

Quadrifasciata. Wings grey-brown with a broad blackish band in which is a black subocellar dot.

Inhabits *Germany*. *Wien. Verz.* 112. 6.

Upper-wings darker behind with an obsolete whitish streak: beneath whitish with a central black dot and streaks.

Propugnata. Upper-wings cinereous with 2 ferruginous bands, the hind-one edged with black.

Inhabits *Austria*. *Wien. Verz.* 112. 7.

Lower-wings cinereous waved with brown at the tip.

Fulvata. Upper-wings grey with a reddish sinuate band in the middle.

Inhabits *Sweden*.

Upper-wings with a reddish patch at the base: *lower-wings* cinereous.

Ocellata. Wings whitish with a broad brown band in which is a subocellar black dot.

Inhabits *Germany*. *Wien. Verz.* 113. 14.

Larva brown with lateral whitish lines.

**Lynceata.* Wings rounded white with 2 brown bands and a dot at the tip.

Inhabits *England*.

Abdomen white with brown dots on the back; *upper-wings* with a brown band at the base, in the middle is a broader one containing a black dot, towards the tip a black dot: *lower-wings* white with a brown dot in the middle.

Rusticata. Wings whitish with a broad brown band on the upper-pair all with a black central dot.

Inhabits *Austria*. *Wien. Verz.* 113. 13.

Upper-wings with a black dot in the band: *lower-wings* whitish with a black dot in the middle.

Rivulata. Wings whitish with 2 black bands, the last terminal.

Inhabits *Germany*.

Head and *thorax* brown: *abdomen* cinereous with 2 erect short tufts on the back: *upper-wings* white at the base with an obsolete brown patch near the rib, the hind-margin brown with obsolete white spots: *lower-wings* dusky: beneath white with a brown dot in the middle and 2 bands.

Mellinata. Wings yellow-testaceous with an obsolete darker band in the middle.

Inhabits *Austria*. *Lower-wings* paler.

Atomata. Wings yellow with ferruginous ſpecks and 2 common ſtreaks.
Inhabits *Germany*; ſmall.
Body yellowiſh: *upper-wings* with 2 ferruginous coſtal ſpots, one before the other behind the ſtreaks.

Janata. Wings cinereous; lower-ones above brown with a white band and 3 dots.
Inhabits *India*.
Upper-wings with 2 remote darker ſtreaks.

**Trumata* Wings yellowiſh with a black ſtreak and paler behind; female apterous brown
Inhabit *Europe*. *Degeer. Inſ* 1. *tab.* 24. *fig.* 11—19.
Female thick, with very ſhort rounded cinereous wings with a black band before the margin.
Larva green with pale lines.

Linariata Upper wings with ferruginous and cinereous bands and a broad brown band in the middle, the tip ſpotted with brown.
Inhabits *Auſtria*. *Wien. Verz.* 113. 10.
In the brown band is a central black dot, and 2 brown ſpots in the hinder ferruginous band: *lower-wings* varied with brown and cinereous.
Larva yellow with red ſpots on the back and red legs.

Exſpectata Wings rounded green with a ferruginous margin.
Inhabits *Aſia*. Both ſurfaces alike.

Ventilata. Upper-wings dull cinereous with a double black patch in the middle; lower-ones whitiſh.
Inhabits *Germany*.
Body brown: hind-margin of the *upper-wings* dotted with black: *lower-wings* above immaculate with an obſolete brown band beneath.

**Chenipodiata.* Upper-wings teſtaceous with 3 grey bands, a brown prominent dot and line at the tip obove.
Inhabits *Europe*. *Albin. Inſ. tab.* 47. *fig.* 79.
Larva naked greeniſh or marked with brown lines, the ſegments angular: *pupa* folliculate yellowiſh.

Centumnatata. Wings varied with ferruginous and brown with a grey band in the middle in which is a black e.
Inhabits

Inhabits *Germany*. *Naturf.* 6. *tab* 4. *fig.* 4.

Wings brown at the base with a broad grey band in the middle in the centre of which is a black e, then a waved black streak forming a band near the rib, then a broader ferruginous band terminating at each end in a white streak, the hind-margin brown dotted with black: *lower wings* cinereous with a black streak and dot in the middle.

Marmorata Upper-wings varied with brown white and ferruginous; lower-ones cinereous.

Inhabits *Italy*.

Body brown: *abdomen* cinereous; *upper-wings* brown at the base with white and ferruginous streaks, in the middle white varied with brown, the tip brown varied with white and ferruginous: beneath whitish, lower-ones with a brown dot in the middle and waved streak.

Strigulata. Wings brown with abbreviated white waved streaks and spot on the rib.

Inhabits *Zealand*.

Wings beneath cinereous, lower-ones with brown streaks and dot in the middle.

Lineolata. Wings cinereous with a darker band in the middle marked with a black lunule before and white streak behind.

Inhabits *Italy*.

Body brown: *upper-wings* speckled with brown with an obsolete darker streak at the base: *lower-wings* white with a black marginal streak.

Myopata Wings cinereous speckled with brown with a brown ocellar dot in the middle, the margin dotted with black.

Inhabits *Italy*.

Body cinereous: *upper-wings* with an abbreviated brown streak behind the ocellar dot composed of 4—5 dots.

**Hexaptera.* Upper-wings varied with grey and brown; lower ones whitish with an additional pair of wings at the base.

Inhabits *Europe*. *Donovan.* vi. *tab.* 192.

Upper-wings grey with brown waves, the middle a little paler with a brown lunule: *lower-wings* (of the male) with a pair of rounded white immaculate spurious wings at the base. Beneath all cinereous with a brown dot in the middle.

**Duplicata* Upper-wings grey with 3 brown flexuous bands.

Inhabits *Europe*. *Donovan.* vii. *tab.* 233. *fig.* 3.

Schaeff.

Schæff. Icon. tab. 12. *fig.* 1, 2. *Clerk Icon. tab.* 6. *fig.* 1.
Lower-wings cinereous; all beneath cinereous with a central black dot.
Larva varied with brown and ferruginous with a yellowish lateral line.

Lunulata. Wings brown with yellow waved ſtreaks behind.
Inhabits *Germany*.
Upper-wings dotted with yellow on the fore-margin, towards the hind-margin a ſtreak of 3 yellow lunules, the margin itſelf dotted with yellow: *lower-wings* with 3 waved yellow ſtreaks, the hind-margin dotted with yellow. Beneath all cinereous at the baſe, the tip darker with pale ſtreaks.

* *Alchemillata.* Wings browniſh; upper-pair waved, with a ſnowy band with cinereous waves and line within the tip.
Inhabits *Europe*. *Degeer Inſ.* 1. *tab.* 22. *fig.* 16.
Larva ſmooth green with yellow bands and a white lateral line.

Flammata. Wings yellow with 4 brown ſtreaks on the upper-pair and 2 on the lower-ones.
Inhabits *Italy*. *Body* brown.
Upper-wings ſpeckled with brown. Beneath paler with 2 brown ſtreaks and ſpecks.

Pſittacata. Upper-wings green with black waves and 2 bands varied with cinereous and ferruginous.
Inhabits *Austria*, *Wien. Verz.* 112, 8.
Lower wings brown, beneath cinereous with a brown dot and ſtreaks.

Lactuata. Upper-wings greeniſh-brown with 2 white bands and a central black dot.
Inhabits *Saxony*.
Lower-wings cinereous with a brown central dot and ſtreaks.

Rectangulata. Wings green ſubfaſciate with brown.
Inhabits *Europe*, *Clerk Icon tab.* 8. *fig.* 6.
Upper-wings green with brown ſpecks ſtreaks and abbreviated bands, towards the tip an oblong black dot: *lower-wings* cinereous. Beneath cinereous with a green rib and brown bands on the upper-pair, and a darker dot and curve on the lower-ones.
Larva pale green with a dull purple line down the back.

* *Succenturiata.* Wings whitiſh with a darker border and black dot.
Inhabits *Europe*. *Clerk. Phal. tab.* 5. *fig.* 2.

Ferrugata

Ferrugata. Wings purpliſh with cinereous waves and a double brown ſpot behind.
Inhabits *Europe*, on the Alſina media. *Wien. Verz.* 113, 11.
Larva grey with a brown lateral line.

Poſticata. Wings blackiſh, the hind-margin cinereous marked with black.
Inhabits *Denmark.*
Body yellowiſh: *upper-wings* with an obſolete pale band at the baſe: *lower-wings* and all beneath cinereous.

Maculata. All the wings yellow with brown ſpots.
Inhabits *Europe.* *Donovan.* vii. *tab.* 251. *fig.* 3.

Moniliata. All the wings cinereous with black ſtreaks and a brown band behind in which is a cinereous moniliform ſtreak.
Inhabits *Auſtria.* *Wien. Verz.* 117, 10.
Upper-wings with 4, lower-ones with 3 black ſtreaks, the margin dotted with black.

Euphorbiata. All the wings browniſh-grey immaculate.
Inhabits *Europe.* *Donovan.* v. *tab.* 153. *fig.* 1.

Lævigata. Wings grey with a brown band ſtaeak and marginal dots.
Inhabits *Austria.* *Wien. Verz.* 117, 10.
Body minute grey.

Punctata Wings rounded ſnowy; upper-pair with a brown dot in the middle, the margin dotted with black.
Inhabits *England.* *Wien. Verz.* 116, 7.
Body ſnowy immaculate: *antennae* rufous beneath: *lower-wings* white immaculate.

Venoſata. Wings hoary with black ſtreaks and nearly anaſtomoſing whitiſh waved bands.
Inhabits *Auſtria*; ſmall.
Margin of the *upper-wings* ſtriate with black.

Marinata Wings cinereous with 3 darker ſtreaks; all with a central black dot
Inhabits *England.* In the collection of Mr. *Francillon.*
Body cinereous: *upper-wings* with a black dot between the firſt and ſecond ſtreak: *lower-wings* with 2 ſtreaks only and a black dot between them. Beneath all paler with a black dot in the middle and ſtreak behind.

Innata.

Inxata. Wings grey with 2 brown ſtreaks and a dot between them, the hinder-ſtreak annexed to a white one.
Inhabits *France.*
Body cinereous: *lower-wings* pale with a whitiſh ſtreak.

Mediata. All the wings grey with darker waves, a black dot in the middle, and a ſtreak of them at the margin.
Inhabits *Germany. Wien Verz.* 117, 4.

* *Sociata.* Wings deep yellow with a broad brown band, in the middle of which is a recurved tooth.
Inhabits *Europe. Harris Inſ. tab.* 35. *fig.* 1.
Body yellowiſh: *wings* rounded incumbent; upper-pair with an obſolete band at the baſe, a broader and darker one in the middle branching out a recurved tooth, the tip with a brown patch and cinereous ſpot; lower-ones white.

Sagittata. Wings browniſh with 2 black bands edged with white, the hinder-one ſending out a tooth.
Inhabits *Auſtria.*
Upper wings brown with a mixture of ferruginous: *lower-wings* cinereous with a paler ſtreak.

Omicata. Wings white ſpeckled and ſtreaked with black, the tip darker with a ſtreak of white dots.
Inhabits *Italy*; ſmall whitiſh.
Margin of the *upper-wings* dotted with black. Beneath all alike but paler.

Luteata. Wings pale yellow with ferruginous bands and a fulvous dot in the middle.
Inhabits *Auſtria. Wien. Verz.* 118. 10.

Obſtipata. Wings dull cinereous with a white dot in the middle.
Inhabits *Barbary.*
Wings beneath pale without the central dot.

Centrata. Wings yellow with brown waves; upper-pair with a central black dot.
Inhabits *Germany. Wien. Verz.* 117, 5.
Antennae ſhort white: *upper-wings* with numerous anaſtomoſing darker bands: *lower-wings* with numerous waved brown bands. Beneath all alike but paler.

Cinerata. Wings cinereous with a central brown dot, the hind-margin waved with brown.

Inhabits

Inhabits *Germany* *Wien. Verz.* 117, 13.
Both ſurfaces of the *wings* alike.

Fuſcata. Wings browniſh with obſolete whitiſh bands.
Inhabits *Zealand*; ſmall
The Bands on the *wings* are more diſtinct beneath.

Coarctata. Wings cinereous with approximate bands and ſtreaks.
Inhabits *Germany*. *Wien. Verz.* 108, 9.
Upper-wings with a diſtinct dot in the middle: *lower-ones* cinereous, ſtreaked at the margin.

Ornata. Wings ſnowy with a brown dot in the middle and waved hind-margin
Inhabits *Auſtria*. *Wien. Verz.* 117, 14.
Reſembles Ph. cinerata but the *wings* are whiter and the hind-margin not ſo black.

Purpurata. Wings greeniſh with 2 purple bands on the upper-pair.
Inhabits *Europe*. *Schæff. Icon. tab.* 205. *fig.* 4, 5.

Rubricata. Wings purpliſh with waved brown ſtreaks.
Inhabits *Austria*. *Wien. Verz.* 110, 19.
All the *wings* with 4 ſtreaks, the laſt paler; beneath alike but the ſtreak at the baſe is wanting.

Ochreata. Wings yellowiſh with numuerous darker ſtreaks.
Inhabits *Austria*. *Wien. Vers.* 110. 20.

Brunneata. All the wings fulvous immaculate.
Inhabits *Kiel*; ſmall.

Testata. Wings teſtaceous; lower-ones cheſnut-brown with a brown marginal band
Inhabits *Georgia*; ſmall.
All the *wings* beneath cheſnut-brown.

Corrigata. Wings fulvous with waved brown ferruginous ſtreaks.
Inhabits *Italy*; ſmall.
Wings alike beneath with a central black dot on the lower-ones.

Immerata. All the wings greeniſh brown with white waved ſtreaks.
Inhabits *Auſtria*. *Wien. Verz.* 107, 8.
Larva brown with a reddiſh dorſal line and blueiſh lateral one.

Extremata Wings whitiſh with a black band at the baſe lunule in the middle and ſpot behind
Inhabits *Auſtria*; minute.

Scutata. Wings cinereous with a brown dot in the middle and band of brown ſubocellar dots behind.
Inhabits *Austria. Wien Verz.* 117, 12.
Margin of the *lower-wings* dotted with black.

Umbilicata. Wings rounded whitiſh with a black dot in the middle and at the tip.
Inhabits *South American Iſlands.*
All the *wings* with a brown ſtreak behind.
Beneath upper-pair duſky, lower-ones white with a brown dot in the middle.

**Immutata.* All the wings ſnowy with darker waved ſtreaks; the hind-margin dotted with black.
Inhabits *Europe. Clerk. Phal. tab.* 6. *fig.* 12.

Remutata. Wings cinereous with 3 brown ſtreaks and dot in the middle, the margin dotted with black.
Inhabits *Denmark. Clerk Phal. tab.* 5. *fig.* 12.
Beneath paler with a white dot in the middle and waved brown ſtreaks on the lower-ones.

Regenerata Wings ſnowy with 4 brown ſtreaks, a black dot in the middle and marginal ſtreak of dots.
Inhabits *South American Iſlands.*

Oſſeata. Wings white with darker waves and black dot in the middle; upper-pair with a ferruginous rib.
Inhabits *Auſtria Wien. Verz.* 110. 20.
Body cinereous: *thorax* ferruginous before.

Albulata. Upper-wings ſnowy with darker waved ſtreaks.
Inhabits *Auſtria Wien Verz.* 109. 12,
Beneath, *upper-wings* duſky; *lower-ones* white with a darker dot and ſtreaks.

Naſſata. Upper-wings brown with a waved ſnowy band in the middle in which is a brown ſtreak.
Inhabits *Austria. Wien. Verz.* 109. 13.
Lower-wings cinereous, beneath whitiſh edged with brown.

Puſillata. Wings brown with cinereous waves and a black lunule in the middle.
Inhabits *Austria. Wien. Verz.* 110, 26.
All the *wings* beneath brown.
Larva green with pale lines; *pupa* green.

Minutata

Minutata. Wings whitiſh, the middle widely brown with an interrupted white ſtreak.
Inhabits *Saxony*; ſmall,

Fulvata. All the wings red-ferruginous immaculate.
Inhabits *Cayenne*, ſmall tender.

Variegata. All the wings purple with yeilow ſpots and margin.
Inhabits *Hamburg*. *Schaeff. Icon. tab.* 259. *fig.* 4, 5.
Body brown with a yellowiſh tail.

Diaphanata. Wings hyaline white dotted with black, the tip with abbreviated fulvous ſtreaks.
Inhabits *Sierra Leona*. *Cramer.* 10. *tab.* 113. G.

Laterata. Wings greeniſh; upper-pair with a teſtaceous rib black dot and marginal ſtreak of black dots.
Inhabits *Africa*. *Cramer. tab.* 120. A.
Body greeniſh: *mouth antennae* and lateral line on the *thorax* ferruginous: *lower-wings* with a marginal ſtreak of black dots Beneath all immaculate.

Cingulata All the wings brown with a ſnowy ſtreak.
Inhabits *Europe*. *Clerk Phal. tab.* 2. *fig.* 10.

Niveata. Wings ſtriate ſnowy immaculate.
Inhabits *America*. *Body* ſnowy: *eyes* brown.

Costata. Wings ſnowy with a ferruginous rib on the upper-pair.
Inhabits *America*. *Feelers* ferruginous.

Sticticata. Both ſurfaces of the wings alike, rufous, the margin black dotted with white.
Inhabits *Africa*.
Front fulvous: *thorax* black with 3 white dots: *abdomen* above brown dotted with white, beneath fulvous.

Capitata. Cinereous; head margin of the thorax and of the wings at the baſe ferruginous.
Inhabits *India*.

Æstuata. Blue-black ſpotted with white.
Inhabits *India*.
Thorax and *abdomen* blue with 4 white ſtreaks.

Argentata. Wings yellow at the tip with 2 ſilvery ſtreaks on the upper-pair; lower-ones with a quadruple black ſpot.

Inhabits *China*.
Upper-wings silvery at the base with a large triangular brown spot: *lower-wings* silvery the tip yellowish with 4 small approximate black bronzed spots.

Melata. Wings black spotted with white: tail rufous.
Inhabits *America*. *Cramer*. 2. *tab*. 18. D.
Head and *thorax* black: *abdomen* black spotted with white: *upper-wings* with 3 macular white bands, *lower-ones* with 2.

Sulpharara Wings yellow with ferruginous brown spots and hind-margin.
Inhabits *Cayenne*.
Body yellow with a whitish throat and brown tail.

Cerata. Wings yellow with 3 darker streaks and a marginal ferruginous one.
Inhabits *South American Islands*.
Thorax yellowish: *addomen* white: *lower-wings* with only one streak.

Sinuata. Wings yellowish the exterior and hind-margin purple sinuate.
Inhabits *Africa*. *Cramer*. *tab*. 400. *fig*. I.
Antennæ ferruginous; *head* and *thorax* purple: *abdomen* white: *tail* ferruginous: *lower-wings* with 2 purple spots on the hind-margin. Beneath all alike but the margin is black.

Gilvata. Upper-wings brown ferruginous; lower-ones yellowish with a marginal black band.
Inhabits *East India*.
Upper-wings with a darker spot or two in the middle: *lower-wings* with a brown marginal band. Beneath all yellowish, rosy at the tip, with a transverse brown spot in the middle of the upper-pair.

Violata. Upper-wings purplish-brown with a large yellow spot; lower-ones yellowish.
Inhabits *Tranquebar*.
Upper-wings with 3 blackish streaks and a yellowish rib: *lower-wings* with 2 brown streaks: *head* and *thorax* brown: *abdomen* yellowish: *tail* black with 3 white dots and fulvous at the tip beneath snowy.

Marinata. Wings green with a white rib on the upper-pair.
Inhabits *East India*.
Body above green beneath snowy.

* *Urticæ*

*Urticata. Wings white with macular brown bands; thorax and tail yellow.
Inhabits *Europe*. *Albin. t* 37. *f.* 60. *Harris tab.* 6. *f.* a. —p.
Larva 16 footed naked whitiſh with a brown back and 2 dots on the collar; ſecretes itſelf within the leaves of the nettle which it rolls up: *pupa* follicular cheſnut-brown.

Perſpicata. Upper-wings ſhining brown with white hyaline bands: abdomen ſilvery with 2 black dots at the baſe.
Inhabits *Cayenne*.
Lower-wings white hyaline with 3 brown bands.

Hiſpidata. Wings brown with 3 raiſed hairy dots on the diſk.
Inhabits *Kiel*. *Lower-wings* brown.

Funerata. Wings rounded black with 2 hyaline ſpots on the upper-pair and one on the lower.
Inhabits *Surinam*. *Cramer. tab.* 79. D, *tab.* 97. D.

Securata. Wings browniſh; upper-pair cinereous at the baſe with a black ſpot at the thinner margin.
Inhabits *Coromandel*.
Upper wings with 2 fulvous lines in the middle at the thicker margin, the tip brown, the hind-margin paler with a ſtreak of black dots; beneath brown: *lower-wings* brown, beneath cinereous.

Corneata. Wings ſhining brown with 3 darker ſtreaks and 2 white ſubocellar dots.
Inhabits *American Iſlands*.
Head and *thorax* brown, beneath ſnowy: *abdomen* cinereous: *lower-wings* brown with 3 darker ſtreaks.

*Limbata. Wings rounded yellow with a brown ocellar dot and hind-margin.
Inhabits woods of *Europe*.

Metallata. Wings ſnowy with a gold rib and ſpot in the middle.
Inhabits *Africa*. In the muſeum of *Sir Joſ. Banks*.
Body white: *mouth* gold: *lower-wings* with a gold ſpot in the middle and nearly obſolete ſtreak behind.

Annulata. Wings ſnowy with a teſtaceous rib and 3 approximate ſpots 2 of them cloſe to the rib.
Inhabits *Eaſt India*.

Bod

Body ſnowy: ſpots on the *wings* with a black iris: *lower-wings* with a darker ring in the middle terminated by a black dot and towards the margin a darker waved ſtreak.

Repandata Wings pale aſh; upper-pair with 3 waved brown ſtreaks and dot in the middle.
Inhabits *Auſtria*. *Wien Verz.* 120. 2.
Body cinereous: *abdomen* whitiſh: *lower-wings* white hyaline with a flexuous brown ſtreak.

Verbaſcata Wings yellowiſh; upper-pair with 3 brown ſtreaks and dot in the middle.
Inhabits *Auſtria*. *Wien. Verz.* 121. 5.
Margin of the *wings* browniſh with a ſilvery fringe.

Geminata. Wings white hyaline with a darker bifid ſpot at the baſe and kidney-ſhaped one in the middle, the hinder-margin darker.
Inhabits *South America*.
Body hairy white, tail very much bearded: *upper-wings* with a brown lunule in the middle of the kidney-ſhaped ſpot, on the hind-margin 2 approximate black dots: *lower-wings* whitiſh.

Hyalinata Wings hyaline white ſurrounded with a black margin; tail yellowiſh.
Inhabits *America* and *Aſia*. *Cram. tab.* 371. D.
Abdomen ſnowy: beard of the *tail* black.

* *Paludata.* Wings white with a brown band or two and black ocellar dot in the middle.
Inhabits Marſhes of *England*.
Body ſnowy: *eyes* black: dot in the middle of the *upper-wings* with a white pupil: *lower-wings* ſnowy with a brown interrubted band. Beneath whitiſh.

Potamogata Wings cinereous ſpotted with white; upper-pair obſoletely reticulate.
Inhabits *Europe*. *Reaum. Inſ.* 2. *tab.* 32. *fig.* 11.

* *Stratiolata* Wings with pale bands; upper-pair with 3 black dots.
Inhabits *Europe*. *Degeer. Inſ.* 9. *tab.* 37. *fig.* 16—18.
Larva aquatic 6-footed green with tufted lateral ſpiracles: *pupa* folliculate, tapering both ways, ferruginous.

Palustrata.

Palustrata Wings brown with yellowiſh ſpots and 2 macular yellowiſh ſtreaks at the tip.
Inhabits *France*, in marſhy places.

**Nymphaeata.* Wings cinereous, all of them alike with reticulate white ſpots.
Inhabits *Europe*, on the *Nymphaea*. *Wien. Verz.* 121. 13.

Uliginata. Wings cinereous with brown bands: lower-ones with a terminal black band in which are 5 white dots.
Inhabits marſhes of *Denmark*.
Lower-wings white with a broad brown band in the middle, then a black dot, then a terminal black band with 5 white dots, before this band are a few waved brown ſtreaks.

Inundata Wings varied with cinereous and ferruginous and ſtreaked with white; lower-ones with a black marginal ſtreak in which are 4 ſilvery dots.
Inhabits Savannahs of *America*.
Lower-wings ſpeckled with brown.

**Lemnata.* Wings white; lower-ones with a terminal black band in which are 4 white dots.
Inhabits *Europe*. *Donovan.* viii. *tab.* 266, *fig.* 1, 2.
Harris Inſ tab. 7. *fig.* 1—p.
Male ſnowy: *female* ochre yellow.

Sambucata Wings brown with ſcattered hyaline ſpots.
Inhabits *Austria*. *Wien. Verz* 124. 14.
Wings with a flexuous yellowiſh macular ſtreak behind.

Candidata Wings ſnowy with brown waved ſtreaks and 2 black dots.
Inhabits *Austria*. *Wien. Verz.* 316. 46.
Upper-wings with a ſmall black dot at the baſe, behind are 3 waved ſtreaks in the anterior of which is a double black dot: *lower-wings* white with 2 brown ſtreaks.

Cribrata. Wings white ſpotted with black, the rib ſpeckled.
Inhabits *East India*; ſmall.
Antennæ white brownish beneath: *upper-wings* with 2 or 3 abbreviated darker ſtreaks, the rib with numerous dots in a double row: *lower-wings* with a brown dot at the baſe and ſtreak in the middle, behind the middle is a black dot and another at the tip.

Perſpectata

Perfpectata Upper-wings grey with hyaline ſpots; lower-wings hyaline, the margin yellow with hyaline ſpots.
Inhabits *East India.*
Antennae longer than the body; hyaline ſpots on the hind-margin ſurrounded with a brown ring. Beneath alike but paler.

Vitrata. Upper-wings duſky with a hyaline ſpot and 2 dots; lower-ones hyaline edged with brown.
Inhabits *Tranquebar.*
Upper-wings dirty yellowiſh: *lower-wings* with brown ſtreaks and broad brown margin.

Elevata. Wings deep yellow dotted with brown, beneath immaculate.
Inhabits *South America.*
Hind-margin of all the *wings* with ſilvery fringe.

Velotata. Wings fulvous, all tipt with brown; upper-pair with a brown band.
Inhabits *Rotterdam Iſland.* In the collection of Sir *Joſ. Banks.*
Head and *thorax* brown: *abdomen* fulvous tipt with brown: *upper-wings* with a brown hind-margin. Beneath alike.

Tripunctata. Wings paliſh or yellow; upper-pair with 3 brown ſpots on the rib; lower-ones with a brown dot in the middle.
Inhabits *South American Iſlands.*
Upper-wings with an obſelete brown ſtreak or two, the tip brownish. Beneath paler.

Vittata. Wings whitiſh with a black fillet in the middle, the margin dotted with black.
Inhabits *South American Iſlands.*
Upper-wings with a darker dot in the middle, the rib black towards the tip.

Revidata. Wings yellowiſh with 3 brown ſtreaks on the upper-pair and 2 on the lower-ones; beneath whitiſh immaculate.
Inhabits *Tranquebar*; reſembles the next.

Indicata. Wings yellow with 3 waved brown ſtreaks on the upper and 2 on the lower-pair.
Inhabits *South America*, on the Dolichos.

Upper-

Upper-wings with a brown dot ni the middle : *wings* beneath browniſh at the tip.
Larva ſlightly hairy, green with a pale head.

Derogata. Wings white with numerous brown ſtreaks.
Inhabits *East India.*
Body white : *eyes* black.

Ejectata. Wings varied with brown and yellow, with ſcattered hyaline ſpots.
Inhabits *East India.* Beneath alike.

Feneſtrata. Wings white hyaline with numerous yellowiſh ſtreaks.
Inhabits *American Iſlands* ; ſmall.
All the *wings* with 6 yellow ſtreaks and hind-margin.

Diſcata. Wings yellowiſh with 3 brown ſubocellar ſpots on the diſk aud 4 ſnowy ones on the rib.
Inhabits *American Iſlands.*
Antennae as long as the body : ſpots on the diſk ſurrounded with a white ring.

c. *Wings forked.* Pyralis. *Gmelin.*

Marginalis Feelers recurved : wings black ; lower-pair with a yellow margin.
Inhabits *Southern Europe. Hybn. Beytr.* 1. *tab—fig.* k.

**Farinalis* Feelers recurved ; wings poliſhed yellowiſh with white flexuous ſtreaks, the baſe and tip glaucous.
In bran and meal. *Clerk Phal. tab.* 2. *fig.* 14.

**Glaucinalis.* Feelers recurved : wings glaucous with 2 brown flexuous ſtreaks.
Inhabits *Europe. Clerk. Phal. tab.* 3. *fig.* 4.

**Barbalis.* Antennæ pectinate longer than the feelers : fore-thighs with a projecting beard.
On the Trifolium pratenſe. *Clerk. Phal. tab.* 5. *f* 3.

Atemnalis. Antennæ pectinate longer than the feelers : wings incumbent cinereous with a whitiih ſtreak behind.
Inhabits *Kiel* ; large.
Feelers projecting lanceolate : rib of the *upper-wings* dotted with white : *lower-wings* whitiſh with a black ſpot at the tip.

Ventilabris Antennæ pectinate longer than the feelers; fore-ſhanks with tufted hairs at the tip.
Inhabits *Carinthia.*
Wings grey with 3 waved brown ſtreaks: *lower-ones* cinereous with a ſingle ſtreak, white at the end.

Bombycalis. Antennæ pectinate longer than the feelers: wings grey-rufous with 2 whitiſh ſtreaks; lower-ones yellow edged with black.
Inhabits *Auſtria. Wien. Verz.* 120. 6.
Rib of the *upper-wings* dotted with white: *lower-wings* yellowiſh with a large black ſpot at the tip.

**Tentacularis.* Antennæ pectinate as long as the projected feelers; wings pale cinereous with brown ſtreaks.
Inhabits *Europe. Degeer. Inſ.* 1. *tab.* 5. *fig.* 1.

**Proboſcidalis.* Feelers projecting approximate longer than the thorax; wings grey with ferruginous ſtreaks.
Inhabits *Europe. Clerk. Phal. tab.* 5. *fig.* 4.

Enſalis. Feelers projecting approximate longer than the thorax; wings grey with a ferruginous ſtreak in the middle and another behind of white dots.
Inhabits *Kiel*; reſembles the laſt.
Upper-wings beneath brown: *lower-wings* above cinereous beneath whitiſh.

Elongalis. Feelers projecting longer than the thorax; wings ſlightly indented with waved-brown ſtreaks behind.
Inhabits *Tranquebar.*
Antennæ ſetaceous: *head* and *thorax* brown: *abdomen* cinereous: hind-margin of the *upper-wings* dotted with black: *lower-wings* and all beneath cinereous.

Lancealis Feelers projecting approximate lanceolate; wings grey immaculate.
Inhabits *American Iſlands.*
Feelers longer than the thorax with a ſhort recurved one each ſide beſides.

**Roſtralis* Feelers projecting longer than the thorax; wings greyiſh with 2 muricate black dots and line at the tip.
On the Carpinus and Humulus. *Roes.* 1. *Phal.* 4. *tab.* 6.

Larvæ

Larva naked 14-footed, green with oblique white ſtripes and lateral lines: *pupa* folliculate cheſnut-brown obtuſe and carinate before.

**Nemoralis* Feelers recurved; wings grey with 3 brown ſtreaks, the middle one flexuous.
Inhabits *England*. *Harris. Inſ. tab. 2. fig. 6.?*
Feelers as long as the thorax: firſt ſtreak on the *wings* ſtraight, ſecond flexuous, third oblique reaching from the angle of the tail to the tip between the firſt and ſecond ſtreak is a ſmall brown lunule. at the margin is a fine brown ſtreak: beneath a brown dot and ſtreak, the margin dotted with brown.

Craſſalis Upper-wings browniſh, the tip cinereous with ocellar black dots.
Inhabits *Auſtria*.
Upper-wings ſpotted with white at the thinner-morgin.

Alpeſtralis Wings varied with black and blueiſh; lower-ones black.
Inhabits *Auſtria*.
Abdomen black with white angles: *lower-wings* black with a paliſh thinner margin. Beneath cinereous at the baſe and tipt with brown.

**Palpalis* Feelers projecting longer than the thorax: wings grey; lower-ones white at the thicker margin.
Inhabits *England*.
Antennæ hardly pectinate: *upper-wings* immaculate.

Porrectalis Feelers projecting longer than the thorax: wings brownish with a reddiſh-brown ſtreak in the middle.
Inhabits *American Iſlands*; ſmall.
Wings yellowiſh with a black dot in the middle and 2 white ones towards the tip near the rib: *lower-ones* and all beneath brown.

**Furcalis* Wings glabrous pale with oblique ferruginous ſtreaks.
Inhabits *Europe*. *Reaum. Inſ.* 1. *tab.* 16. *fig.* 13. 14.

Sophialis Wings glabrous variegated with brown and cinereous; lower-ones cinereous with a brown hind-margin.
Inhabits *Auſtria*.
Lower-wings with a few white dots on the brown margin.

Triſtalis Wings grey with 3 recurved brown ſtreaks, the laſt terminal.

Inhabits

Inhabits *Italy*.
Upper wings grey ſpeckled with black with a nearly obſolete yellowiſh lunule in the middle : *lower-wings* with 2 ſtreaks only. Beneath all with a ſingle ſtreak.

Variegalis Wings glabrous varied with brown and cinereous, with a diſtinct brown band behind.
Inhabits *Austria*.
Lower-wings grey. Beneath, upper-pair brown, lower ones whitiſh.

Dimidialis Wings yellowiſh at the baſe, the tip purple with an abbreviated green band.
Inhabits *East India*.
Head and *thorax* yellowiſh: *abdomen* ſnowy : *antennae* teſtaceous : *lower-wings* and all beneath duſky.

Obliquali. Wings pale with an oblique brown ſtreak and hind-margin.
Inhabits *South American Iſlands*.
Body whitiſh : *lower-wings* and all beneath whitiſh, the margin ſomewhat brown.

Diagonalis Wings brown with a black dot in the middle, the tip cinereous with a black dot or two.
Inhabits *South American Iſlands*.
Antennae brown with a white baſe with a tuft of long hairs between them : *upper-wings* with an oblique white ſtreak in the middle ; beneath brown : *lower-wing* above brown beneath cinereous.

Motitalis. Wings pale cinereous with 2 brown dots and a ſtreak behind.
Inhabits *Rotterdam Iſland*. In the muſeum of Sir *Joſ. Banks*
Lower-wings pale with a brown ſtreak at the tip. Beneath all pale.

Medialis. Wings grey with 2 black dots between 2 brown waved ſtreaks.
Inhabits *South American Iſlands*.
Wings paler beneath with 2 black dots only.

Duplicalis. Wings brown with 2 white waved ſtreaks ; rib of the upper-pair with a reflected hairy baſe.
Inhabits *American Iſlands*.
Body cinereous : *wings* beneath cinereous with a whiter ſtreak.

Undalis

Undalis. Wings dull cinereous with 3 oblique waved fnowy ſtreaks.
Inhabits *Italy*.
Body brown: hind-margin of the *wings* fnowy with 6 pair of brown dots.

Margaritalis. Wings glabrous; upper-pair yellowiſh with a ferruginous-brown tip.
Inhabits *Saxony*. *Wien. Verz.* 123. 29.
Upper-wings with brown ferruginous ſpecks: *lower-ones* white.

Sericealis. Wings glabrous yellow with a brown ſpot in the middle.
Inhabits *India*.
Upper-wings ochraceous with a brown ſpot in the middle in which are 2 black dots, the hind-margin dotted with white: *lower-ones* paler.

Trinalis. Wings glabrous yellow with 3 brown ſpots on the diſk and a brown hind-margin.
Inhabits *Auſtria*. *Wien. Verz.* 314. 47.
Lower-wings paler with a brown margin.

**Verticalis* Wings glabrous pale ſubfaſciate with brown, beneath waved with brown.
Inhabits *Europe*. *Wilks pap.* 24. *tab.* 3. a. 16.
Larva 16-footed hairy with yellow head and legs: *pupa* brown, the 3 laſt ſegments with a ſmall tooth.

Glabralis Wings glabrous pale with waved brown ſtreaks, above yellow beneath white.
Inhabits *Kiel*.
Upper-wings with 4 ſtreaks, lower-ones with 2: beneath whitiſh with brown ſtreaks.

Teſtalis. Wings glabrous pale obſoletely ſtreaked, the rib ferruginous.
Inhabits *Eaſt. India*.
Head and fore part of the *thorax* teſtaceous: *wings* beneath gloſſy-white.

**Salicalis.* Wings cinereous with 3 oblique fulvous ſtreaks on the upper-pair: antennæ pubeſcent.
Inhabits *Europe* *Wien. Verz.* 285. *tab.* 2. b. *fig.* 5
Larva 14-footed naked green with a darker dorſal line: *pupa* ſhining black.

Alpinalis.

Alpinalis. Upper-wings dull cinereous with a white ſpot in the middle.
Inhabits *Auſtria. Wien. Verz.* 123. 24.
Lower-wings browniſh with a larger white ſpot. Beneath, upper-pair brown with a white ſpot in the middle, lower-ones ſnowy with a brown hind-margin.

Punctalis. Wings cinereous with a ſnowy dot in the middle and brown ſtreak behind.
Inhabits *Austria, Wien. Verz.* 123. 25.
Lower-wings and all beneath cinereous.

Nitidalis. Wings brown with 2 yellow ſtreaks.
Inhabits *Auſtria. Wien. Verz.* 129. 36.
Rib of the *upper-wings* purpliſh dotted with yellow between the ſtreaks: *lower-wings* brown with 2 pale ſtreaks. Beneath brown with a marginal yellow ſpot on the upper-pair and an incurved pale ſtreak on the lower-ones.

Obſoletalis Wings brown with an obſolete pale ſtreak behind; lower-ones whitiſh beneath.
Inhabits *Italy.*
Upper-wings beneath brown with a pale border: *lower-wings* brown with a paler border, beneath immaculate.

Cornicalis Feelers recurved; wings cinereous with a whitiſh ſtreak behind; antennæ thicker in the middle.
Feelers like horns: *antennæ* appearing as if they had been broken and joined again: *upper-wings* with a few darker ſtreaks: *lower-wings* and all beneath paler.

Capitalis. Feelers projecting: wings brown with 2 pale ſpots: head 2-horned.
Inhabits *Tranquebar*: ſmall.
Antennæ filiform flexuous with 2 large elevated horn-like tufts of browniſh hairs behind them: *wings* paler beneath.

Dorſalis. Feelers recurved: wings cinereous with a dorſal brown line and band behind.
Inhabits *Braſil.* In the muſeum of Sir. *Jos. Banks*
Upper-wings with 2 ſmall dots in the middle: *lower-ones* and beneath cinereous immaculate.

**Pingiunalis.* Feelers recurved; wings cinereous ſubfacicte with black at the thicker margin.
Schaeff. Ic. tab. 6. *f.* 8. 9. *Reaum.* 3. *t.* 29. *f.* 4—11.

A very

A very common and troubleſome inſect in kitchens and larders, among butter bacon and fat of every kind, and is ſaid to have been found in human ſtomach.

Larva 16-footed naked ſhining brown: *pupa* naked dull reddiſh-brown.

Ramalis. Feelers ſlightly recurved: wings olive with a pale indented band behind.

Inhabits *Auſtria*. *Wien. Verz.* 120. 14.

Hind-margin of the *upper-wings* ſtriate with brown: *lower-wings* pale, the edge a little yellowiſh. Beneath upper-pair brown, lower-ones pale.

Cinerealis. Wings cinereous with 2 yellow ſtreaks on the upper-pair and one on the lower.

Inhabits *Italy*.

Antennæ ſimple: *wings* cinereous beneath with darker ſtreaks.

Ænealis. Wings ſhining brown immaculate: head ferruginous.

Inhabits *Auſtria*. *Wien. Verz.* 123. 26.

Upper-wings with a copper-gloſs: *lower-ones* brown.

Griſealis. Upper-wings cinereous immaculate; lower-ones and all beneath browniſh.

Inhabits *Italy*. *Body* cinereous.

Palealis. Upper-wings greeniſh immaculate; lower-ones whitiſh.

Inhabits *Auſtria*. *Wien. Verz.* 123. 27.

Ochrealis. Upper-wings ochre-yellow; lower-ones brown: all immaculate.

Inhabits *Auſtria*. *Wien. Verz.* 123. 28.

Ferrugalis Wings yellowiſh with 3 ferruginous waved ſtreaks on the upper-pair and 2 on the lower.

Inhabits *Africa*. In the muſeum of Sir. *Joſ. Banks*.

**Secalis.* Wings grey-brown ſtriate with a kidney-ſhaped ſpot marked with a roman A.

Found within the ſtalks of corn, where it eats its way into the heads, rendering them dry and barren.

Larva green with 3 brown lines, head reddiſh.

Bipunctalis Wings cinereous with 2 darker dots and ſtreaks.

Inhabits *American Illands*.

Body

Body above cinereous beneath snowy: *lower-wings* with 2 darker streaks and a single dot. Beneath alike.

Bifidalis Wings yellowish with 2 brown bands, the hinder-one bifid at each end.
Inhabits *American Islands*.
Body yellowish: *upper wings* with a brown dot between the bands and a marginal streak of brown dots: *lower-wings* cinereous.

Nivealis Wings grey-brown with 2 white spots on the rib: body snowy.
Inhabits *Germany*.
Upper-wings with a waved black streak behind and marginal dots: *lower-wings* above brown, beneath pale with 2 black dots a black streak and marginal dots: *body* beneath and *legs* black.

Elatalis Upper-wings white with an interrupted brown rib and submarginal band.
Inhabits *Austria*. *Wien. Verz.* 121. 9.
Body white: margin of the *upper-wings* dotted with black: *lower-wings* brown with a pale rib, the tip dotted with brown, beneath white with a brown lunule in the middle and streak behind.

Centralis Wings cinereous with a brown dot in the middle.
Inhabits *American Islands*; small.

Pictoralis Wings testaceous, the base spotted with yellow, a yellow band in the middle and marginal gold streak.
Inhabits *Germany*; small, cinereous.
Lower-wings brown with a pale outer margin.

Pudoralis Upper-wings white with a rosy fillet.
Inhabits *Austria*. *Wien. Verz.* 124. 40.
Lower-wings dull cinereous.

Flavalis Upper-wings sulphur with 2 brown streaks and kidney-shaped spot in the middle.
Inhabits *Austria*. *Wien. Verz.* 121. 5.
Head and *thorax* yellow: *abdomen* cinereous: *lower-wings* paler with a single brown streak. Beneath all varied with cinereous and brown.

Marmoralis Wings white variegated with green, the tip brown with a yellowish margin dotted with black.

Inhabits

Inhabits *East India*.
Upper-wings white at the base with broad green band and rings, beneath yellowish with a brown streak or two.

Orientalis Upper-wings browniſh ; lower-ones yellowiſh with a black marginal band.
Inhabits *East India*.
Upper-wings ferruginous-ash-colour with an obſolete brown ſtreak or two and dot in the middle. Beneath all alike.

Meritalis All the wings yellowiſh with whitiſh ſtreaks and roſy hind-margin.
Inhabits *Paris*. *Body* yellowiſh.
Upper wings with a marginal yellow ſpot near the rib, the rib dotted with white and brown : beneath yellowiſh with brown ſtreaks.

Polygonalis Upper-wings cinereous with a gilt hind-margin.
Inhabits *Auſtria*. *Wien. Verz.* 121. 8.
Rib of the *upper-wings* darker as far as the middle : *lower-wings* gilt at the tip only.

Sanguinalis Wings yellow with 2 red bands, the firſt dilated outwardly and perforated.
Inhabits *Europe*. *Wien Verz.* 124. 41.

**Stictalis.* Wings grey with a yellow ſpot in the middle and marginal ſtreak.
Inhabits *Europe*.
The ſpot in the middle is notched each ſide and the marginal ſtreak has a contiguous ſmaller one. Beneath all variegated.

Poralis. Wings duſky with a yellow ſpot in the middle and 2 ſtreaks, the hinder-one with a fainter ſpot.
Inhabits *Italy*.
Upper wings with a yellow patch at the baſe, ſpot in the middle ending both ways in an obſolete brown dot and 2 ſtreaks behind, the firſt waved the other ſpotted. Beneath cinereous with a yellow band.

Faſcialis. Feelers recurved : wings brown with 2 yellow bands.
Inhabits *New Holland*. In the muſeum of *Sr Joſ. Banks*.
Head yellow : *thorax* brown, the fore-part yellow : *lower-wings* immaculate.

Fimbrialis Wings yellowiſh with brown ſpecks dot and hind-margin.
Inhabits *Amsterdam Iſland.*
Body yellowiſh: *lower-wings* yellow with a brown ſtreak dot and hind margin.

Politalis Wings brown with a yellow band in the middle and marginal ſpot.
Inhabits *Auſtria. Wien Verz.* 121. 4.
Upper-wings with 2 connected brown rings in the upper-band the tip brown with a yellow ſpot or two.

Repandalis Wings ſhining browniſh with a white flexuous ſtreak in the middle; lower-ones ferruginous with a black band in the middle.
Inhabits *Eaſt India*; ſmall.
Upper-wings with a thin white margin: *lower-wings* beneath duſky with a white band in the middle.

Croſalis. Wings jagged yellow with a flexuous brown band in the middle.
Inhabits *France.*
Head brown: *antennæ* pale: *wings* yellow at the baſe with indiſtinct fulvous ſtreaks and behind the band a nearly obſolete waved brown ſtreak, the hind-margin jagged and fringed with white.

Strigalis. Wings grey with 2 yellow ſtreaks and a purpliſh rib.
Inhabits *Germany.*
Head and *thorax* ſubferruginous: *lower-wings* brown with darker ſtreaks.

Recurvalis Feelers recurved; wings brown with 2 white bands on the upper-pair, the poſterior of which is abbreviated.
Inhabits *American Iſlands.*
Head yellowiſh: *thorax* brown: *lower-wings* brown with a white band in the middle.

Erigalis. Wings ferruginous with a yellow ſtreak, the thicker-margin dotted with white.
Inhabits *Sweden. Wien. Verz*, 120. 7.

Curtalis Wings greeniſh yellow with a ferruginous ſtreak behind.
Inhabits *Auſtria. Wien. Verz.* 120. 8.

Ceſpitalis

Cespitalis Upper-wings dusky variegated; lower-ones black with 2 yellow streaks.
Inhabits *Austria*. *Wien. Verz.* 123. 32.
Upper-wings vary much in their colour.

Saccharalis. Wings striate cinereous, the hind-margin dotted with black.
Inhabits *South America*, in the Sugar cane, which it dries up and destroys: is very destructive to plantations.
Body small cinereous immaculate: *upper-wings* sometimes immaculate: *lower-wings* white immaculate.
Larva 6-footed, pale hyaline with a reddish-brown head and 8 dots each side: *pupa* naked long, chesnut-brown with numerous short raised spines before.

Fluctualis. Wings brown with a white dot and 2 flexuous streaks on the upper-pair.
Inhabits *Rotterdam Island*. In the museum of Sir *Jos. Banks*.
Lower-wings with 2 white waved streaks. Beneath all alike but paler.

**Purparalis* Wings purplish with 2 yellow bands on each.
Inhabits *Europe*. *Schæff. Icon. tab.* 209. *fig.* 5. 6. ?.

Porphyralis Wings brownish with a fulvous spot on the rib; lower-ones black with a white streak.
Inhabits *Austria*. *Wien. Verz.* 317. 50.
Upper-wings brownish at the base with 2 indistinct darker spots the tip dull purplish, the colours divided by the fulvous spot. Beneath whitish at the base with a black streak, the tip brown with whitish streaks.

Punicalis. Wings purple with yellow lines at the base and 2 yellow dots in the middle.
Inhabits *Austria*. *Wien. Verz.* 317. 49.

Minialis. Wings purplish; the rib variegated with yellow.
Inhabits——; size of Ph. purpuralis.
Head and *thorax* brownish. *abdomen* yellow. Hind-margin of the *upper-wings* darker with a cavity at the tip fringed with white, beneath with a yellowish disk; *lower-wings* deeper purple with waved pale streaks.

Apicalis. Wings deep yellow with a brown streak, the tip obscure purple with a yellow spot and 2 marginal white dots.

Inhabits *Surinam.*
Antennae dusky: *head* and *thorax* yellow: *lower-wings* yellow with a brown dot in the middle and tip.

4-punctalis Wings brown with 2 fulvous spots on the upper-pair.
Inhabits *Austria. Wien. Verz.* 124. 43.
Lower-wings brown immaculate.

Argentalis Wings brown-cinereous with 3 silvery waved streaks on the upper pair and 2 on the lower.
Inhabits *Italy. Wien. Verz.* 122. 15.
All the *wings* varied with cinereous and brown; upper pair with a small black dot between the streaks, the hind-margin of all fringed and varied with brown and silver.

**Costalis.* Wings purplish with 2 yellow costal spots and hind-margin.
Inhabits *England. Hybn. Beytr.* 4. *tab.* 2. *fig.* 11.
Head yellow: *thorax* and *abdomen* purplish.

Nigralis. Wings black immaculate.
Inhabits *Italy*; entirely black.

**Atralis.* Wings black with 2 white spots on each.
Inhabits *Europe. Donovan.* viii. *tab.* 266. *fig.* 4.
Thorax with a white lateral line: *abdomen* black annulate with white.

Pollinalis Wings powdered black with a white line at the base and 2 dots.
Inhabits *Austria. Wien Verz.* 124. 44.
Thorax black immaculate.

Dentalis. Wings yellow with a purple band indented within.
Inhabit *East India*; small.

Rosalis. Wings deep yellow with 2 purple bands.
Inhabits *Barbary.*
Body yellow; the first band dilated at the outer margin and lunate, the other broader and straight: *lower-wings* brownish.

Minutalis Wings whitish with an oblique brown streak and hind-margin.
Inhabits *American Islands.* minute.

Velutalis Wings ferruginous, dusky at the tip.
Inhabits *American Islands*; small.
Body ferruginous: *wings* beneath paler at the base and darker at the tip.

Noctua

Noctua.

a. *Wings expanded.*

Zenobia. Wings variegated, beneath ferruginous with black waves.
Inhabits *Surinam* *Cramer* 10. *tab.* 115. A. B.
All the *wings* varied above with white blue and ferruginous: on the upper-pair are 2 diſtinct white ſpots, the lower-one larger and dotted with red: beneath all ferruginous with a black dot and waved ſtreaks.

Patroclus. Wings tailed, both ſurfaces alike, brown with an oblique linear white band and tip.
Inhabits *India.* *Cramer.* 10. *tab.* 109. A. B.
Nat. Miſcell. tab. 435. *Clerk. Ic. t.* 37. *fig.* 1.

Strix. Both ſurfaces of the wings alike, reticulate and clouded with white and black.
Inhabits *South America.* *Cram.* 8. *tab.* 87. A. *t.* 88. A.
Larva naked black with greeniſh rings and lateral line.

Macreps. Wings indented brown undulate with black; upper-pair with a large ocellar cheſnut-brown ſpot.
Inhabits *China.* *Cramer.* 15. *tab.* 171. A, B.
The ſpot on the *upper-wings* ſurrounded with a black ring but without pupil. Beneath brown with 2 white ſtreaks, one of dots the other of lunules.
In ſome ſpecimens, probably the females, the outer margin of the *lower-wings* is reflected and forms a pouch which contains a large quantity of fine ſilk.

Iphianaſſe Wings indented brown with ferruginous waves; lower-ones black at the baſe with a blueiſh ſtreak.
Inhabits *Surinam.* *Cramer* 15. *tab.* 172. A.
Upper-wings with 2 ſubocellar ferruginous ſpots.

Aluco. Wings indented cheſnut-brown with black waves and 3 marginal yellow ſpots.
Inhabits *China.* *Cramer.* 15. *tab.* 173. A. B.
In the middle of the *upper-wings* are 2 oblong cinereous ſpots ſpeckled with brown; beneath brown: *lower-wings* waved with black and white: *fore-ſhanks* annulate with white.

Caprimulgus. Wings indented brown with black waves; upper-pair with a blueiſh eye and double black pupil.
Inhabits *China.*

Wings

Wings beneath brown with a black curve at the base and streak of white dots at the tip.

Odora. Wings indented brown with black waves; upper-pair with a black eye in which is a blue lunule; lower-ones with a contiguous smaller one.

Inhabits *Surinam. Cram.* 15. *tab.* 169. A, B.

The other *sex* has a common band in the midnle of the wings composed of 3 white streaks.

Mycerina. Wings indented; upper pair with a blue streak and waves; lower-ones with 2 white streaks and a blue one.

Inhabits *Surinam. Cram.* 15. *tab.* 172. B.

Upper-wings with a blue spot at the base, the hinder-one larger and kidney-shaped, in the middle a chain of blue lunules ending in white both sides, towards the hind-margin a black waved streak: *lower-wings* with a blue streak in the middle and more obscure ones.

Hieroglyphica. Wings indented black; upper-pair with an abbreviated white band and subocellar spot; lower-ones with a double sinuate margin.

Inhabits *East India. Cram. tab.* 174. *fig.* F.

Body silky black immaculate; *upper-wings* with an ocellar spot in the middle with a double chesnut-brown iris and blue ring: beneath black with a white abbreviated band and 2 dots: *lower-wings* black immaculate.

Ulula. Wings indented undulate with black; upper-pair with ab abbreviated white band and subocellar spot.

Inhabits *India. Cram.* 15. *tab.* 174. E.

Upper-wings brown with a subocellar spot in the middle, the iris black with a flexuous blue line, pupil chesnut-brown: *lower-wings* waved with brown and black. Beneath brown with an interrupted white band on the upper-pair and spot on the lower-ones.

Mutabilis Wings indented brown waved with black; tail ferruginous.

Inhabits *East India.*

Ixyax. Wings indented brown with ferruginous waves, fulvous in the middle with a double black spot with white iris.

Inhabits *Coromandel*; small.

In

In the middle of the *upper-wings* is a ferruginous ocellar ſpot and behind this 2 connected longer-ones the outer fulvous with a black and white iris. Beneath all brown, the hind-margin dotted with white and 2 black ſpots at the inner margin of the upper-pair.

Noctilio. Wings ſuberous browniſh with waved black ſtreaks; lower-ones white at the tip with a black ſpot.

Inhabits *East India.*

Upper-wings ſpotted with yellow in the middle and waved with black, at the thicker margin are 3 white dots. Beneath all grey waved, the tip whitiſh, with 3 black lines on the upper-pair and a black ſpot on the lower-ones.

Chalcis. Wings ſtreaked with brown; lower-ones with a ſtreak of white dots beneath.

Inhabits *South American Iſlands.*

Body cinereous: *antennae* teſtaceous: *wings* cinereous with a comcom obſolete paler ſtreak; *upper-pair* with a brown ſtreak, then a black dot, then an incurved ſtreak in the middle and behind this a common brown one; beneath duſky with a common pale ſtreak: *female* darker with a double ſpot in the middle of the upper-wings.

Larva glabrous grey with 2 ſquare black ſpots before and 4 triangular ones behind, beneath green,

Spiralis. Wings waved with grey and brown; upper-pair with a ſpiral convolute black line.

Inhabits *China.*

Wings beneath reddiſh with a brown dot at the baſe and 3 bands and marginal lunules: *abdomen* above grey with brown belts, beneath red with lateral black dots.

Crepuſcularis. Wings brown with a white band and marginal ſpot; upper-pair with an eye.

Inhabits *America. Cramer.* 13. *tab.* 159. A.

One *Sex* has a double eye with a pupil, the other a blind eye.

Troglodyta. Wings brown with black waves and a common white ſtreak; upper-pair with a common ſhining eye.

Inhabits *Guinea.*

Upper-wings with a large eye dotted with blue with a large lateral black pupil blue lunule and black iris, behind this a commom white ſtreak and afterwards a ſtreak of ſmall black lunules. Beneath all brown with a broad white band behind which are white lunules joined to the band.

Vampyrus.

Vampyrus. Wings brown-cinereous with 3 darker ſtreaks, the hinder-one punctured.
Inhabits *Eaſt India.*
Wings beneath paler with a darker dot at the baſe ſtreak in the middle and dots behind.

Squalida. Upper-wings brown at the baſe and cinereous at the tip; all beneath with a waved white ſtreak.
Inhabits *Coromandel.*
Lower-wings with a large blue ſpot in the middle, beneath brown with a ſtreak of white lunules in the middle: *legs* brown with a white dot at the baſe of the hind-ſhanks, the tip with 2 pair of ſpines.

Pandroſa. Wings blackiſh; upper-pair with a ſnowy lunule and fillet.
Inhabits ——*Cramer. tab.* 77. D.
Antennæ pectinate, the rays ferruginous: all the *wings* with a paler hind-margin. Beneath grey with a paler ſtreak and 2 black dots on the upper, one on the lower-pair.

Umminea. Wings entire duſky; upper-pair with a double ſnowy ſpot in which are 2 fulvous rings.
Inhabits *Java. Cramer* 23 *tab.* 276. F.
All the *wings* with a paler hind-margin; upper-pair with a black lunule in the middle and abbreviated ſtreak behind.

Veſpertilio Wings entire cinereous with central black dots and waves behind.
Inhabits *Tranquebar*; large.
Head brown: *thorax* cinereous, the fore lobe brown: *abdomen* fulvous: *upper-wings* with a ſtreak of black dots behind; *lower-wings* without the central dots. Beneath fulvous with a brown lunule and 3 ſtreaks.

Achatina Wings green-brown with a broad white band and cinereous margin; angle of the tail with a black dot.
Inhabits *East India. Cram. tab.* 218. A.
Wings beneath grey with waved brown ſtreaks: hind-margin cinereous with black dots.
This is probably the ſame as Bomb. algiva of Linné. SMITH.

Illibata. Wings brown with a black ſpot at the tip.
Inhabits *India.* In the muſeum of Sir *Joſ. Banks.*

b. *Wings flat incumbent*; *thorax ſmooth.*

Dioſcoreæ. Wings indented grey; lower-ones yellow with a black lunule and border.
Inhabits

Inhabits *India*. *Cram.* 3. *t.* 30. A, B, C. 7. *t.* 77. *fig.* 7.
Inner-margin of the *wings* often emarginate.

Materna. Lower-wings fulvous with a black ſpot, the margin black dotted with white.
Inhabits *India*. *Cram.* 15. *tab.* 174. B. 27. *tab.* 267. F.
The colour of the *upper-wings* is very variable.

Salaminia. Wings whitiſh with a ſhining green diſk in which is a ruſous nerve; lower-ones fulvous with a black ſpot and margin.
Inhabits *Eaſt India*. *Cramer* 15. *tab.* 574. A,
Thorax greeniſh crowned with a large raiſed crest behind: *upper wings* with a greeniſh rib: hind-margin of the *lower ones* black dotted with white. Beneath upper-pair brown with an abbreviated white band.

Ancilla. Wings brown-cinereous with 3 darker ſtreaks; lower-ones yellow with 2 abbreviated black bands.
Inhabits *Eaſt India*.
Abdomen yellowiſh with black belts: *upper-wings* with a large marginal darker ſpot between the ſecond and third ſtreak. Beneath all yellowiſh ſpeckled with black.

Microrhæa. Upper-wings cinereous; lower-ones reddiſh with a black ſpot.
Inhabits *New Holland*. In the muſeum of Sir *Joſ. Banks*.
Abdomen reddiſh above: *upper-wings* with a brown curve in the middle.

Serva. Upper-wings grey with 4 brown dots and ſtreaks; tip of the lower-ones black ſpotted with white.
Inhabits *New Holland*. In the muſeum of Sir *Joſ Banks*.
Wings beneath all grey with 2 brown ſtreaks, and a ſtreak of black dots towards the hind-margin.

Virrhæa. Upper-wings green tipt with brown; lower-ones yellow with a black ſpot.
Inhabits the *Cape of good hope*. *Cramer* 15. *tab.* 172. *f.*
Body fulvous: *upper-wings* with 2 black ſpots.

Paphos. Upper-wings brown with white veins; lower-ones varied white and black
Inhabits *Siam*. In the muſeum of Sir *Joſ. Banks*
Thorax fulvous dotted with black: *antennæ* ſimple black: *abdomen* fulvous with a line of black dots above and one each ſide *upper-*

per-wings with a white inner-margin: beneath brown with a white ſpot in the middle.

Chione. Wings white; upper-pair immaculate; lower-ones with greeniſh ſtreaks at the tip.
Inhabits *East India*; *Cramer. tab.* 398. M.
Body white dotted with black: *abdomen* fulvous on the back: *upper wings* beneath black with a few white lines and ſpots.
The *upper-wings* are rarely red with white lines.

Aſtrea. Both ſurfaces of the wings alike, brown with a hyaline diſk: thorax ſnowy dotted with black.
Inhabits *New Holland*. *Drury. Inſ.* 2. *tab.* 28. *fig.* 3.
Antennæ brown, the firſt joint red: *feelers* red with a black dot in the midlle and at the tip: *head* ſnowy with 2 black dots: *abdomen* above red beneath ſnowy with 2 ſtreaks of black dots on the ſides: all the *wings* brown, the baſe white with ſmall black dots, the diſk ſemitranſparent with a brown lunule.

Eugenia. Body dotted with black: wings ſnowy with a hyaline diſk: abdomen red on the back.
Inhabits *Inaia*.
Head and *thorax* white with black dots: *abdomen* ſnowy with a red back: *legs* red: *lower-wings* immaculate.

Narciſſus. Upper-wings brown with a white fillet: lower-ones yellow tipt with blue.
Inhabits *China*. *Cramer.* 7. *tab.* 73, E. F.
Thorax brown dotted with white: *abdomen* fulvous dotted with black.

Bajularia. Upper-wings brown with a white ſtreak and 2 ſpots; lower-ones yellow with black ſpots.
Inhabits *Amboina*. *Cramer.* 15. *tab.* 172. *fig.* 6.
Body brown: *abdomen* fulvous: *lower-wings* with 2 black bands, the hinder-one compoſed of ſpots.

Læta. Wings ſubteſtaceous with yellow ſtreaks, in the lower of which are about 8 teſtaceous dots.
Inhabits *France*.
Upper-wings beneath brown with a pale margin: *lower-ones* brown, beneath pale aſh with a brown dot and ſtreak.

Polita. Wings ſhining brown with a ſtreak of ferruginous dots behind.
Inhabits *Austria*. *Wien. Verz.* 85. 3.
Larva naked pale teſtaceous with ſcattered black dots. *Tetra-*

Tetra. Wings ſhining brown with 4 white coſtal dots; lower-ones cinereous with a mixture of ferruginous.
Inhabits *Auſtria*.
Head and *thorax* brown: *wings* beneath cinereous: *antennæ* pectinate.

Livida. Upper-wings gloſſy-black; lower-ones ferruginous edged with brown.
Inhabits *Auſtria*. *Wien. Verz.* 85. 13.
Larva tapering each way greeniſh-yellow with a red gloſs, a darker dorſal line and thin lateral pale one; *head* paler.

Irrorata. Wings cinereous ſpeckled with black with a yellowiſh patch in the middle and obſolete ſtreak behind.
Inhabits *Eaſt India*: *body* cinereous.
All the *wings* beneath grey.

Quercus. Wings grey with 3 brown ſtreaks.
Inhabits *Europe*, on the Oak. *Wien Verz.* 84. 5.

Notacula. Wings cinereous with 3 ſtigmata between 2 yellowiſh ſtreaks.
Inhabits——*Body* cinereous.
Upper-wings with 3 yellowiſh ſtreaks; *lower-ones* above brownish. Beneath all cinereous ſpeckled with brown.

4-punctata. Wings grey with brown waves and 4 black dots at the outer margin.
On the Valeriana Locuſta. *Wien. Verz.* 72. 6.
Upper-wings with ſmall obſolete ſtigmata, the hinder-one dotted with white: *lower-wings* with a marginal ſtreak of brown dots.

Pallens. Wings pale immaculate; the hind-margins beneath dotted with black.
Inhabits *Europe*, on the Taraxacum. *Clerk. Ic. tab.* 4. *fig.* 6.
Larva hairy black ſpeckled with cinereous and 4 white lines: *pupa* folliculate brown.

Domeſtica. Wings cinereous with black ſtreaks, the rib with 7 black dots at the baſe and 3 white ones at the tip.
Inhabits *Keil*. *Body* hairy cinereous.
Upper wings with 2 ſpots in the middle, the firſt ſnowy, the ſecond kidney-ſhaped: *lower-wings* beneath whitiſh with a brown ſtreak and central dot.

Nervosa. Wings lanceolate brown with pale streaks.
Inhabits *Austria*. *Wien. Verz.* 84. 12.
Lower-wings white immaculate, beneath brown edged with white.

Vitta. Upper-wings cinereous at the base with black dots, the tip brown with cinereous streaks; lower-ones fulvous edged with black.
Inhabits *Guinea*, on the Sida.
Head cinereous dotted with black: *thorax* cinereous with 2 black lines: *abdomen* fulvous with 3 lines of black dots: *upper-wings* beneath fulvous at the base and tipt with brown; *lower-wings* fulvous edged with black, beneath a black dot in the middle.

Vaccinii. Wings cinereous with 2 brown dots in the middle and band behind, after which are a few black dots.
Inhabits *Sweden*, on the Vaccinium. *Wien. Verz.* 85. 2.
Larva brown ferruginous with a paler lateral line, neck and tail black streaked with white.

Expressa. Wings plumbeous edged with yellow; head red.
Inhabits *North America*.
Antennæ pectinate black: *thorax* plumbeous with a red spot: *abdomen* above rufous with a line of black dots down the middle, beneath plumbeous: *lower-wings* immaculate.

**Complana.* Wings with a paler outer margin; lower-ones entirely yellow.
On the Oak. *Albin. Inf. tab.* 70. *fig.* G. H.
Upper-wings sometimes entirely pale.
Larva hairy black with 2 lines of pale dots.

**Quadra.* Wings yellow with 2 blue dots on the upper-pair.
2. Wings cinereous; thorax yellow.
On the Pine and Oak. *Wilks pap.* 24. *tab.* 3. a. 17.
Larva hairy with red dots and a black spot on the back, the sides with black lines: *pupa* follicular black.

Ekelora. Wings yellow with a broad brown hind-margin.
Inhabits *Sierra Leona*.
Head and *thorax* yellow: *upper-wings* with a small subferruginous dot in the middle. Beneath all pale with a brown margin.

Deha-

Cribraria. Upper-wings cinereous dotted with black at the base; lower ones yellow.
Inhabits *East India.*
Feelers cinereous with 2 black dots at the tip: *head* cinereous with 4 black dots: *thorax* cinereous dotted with black: *upper-wings* with brown waves at the tip: *lower-wings* beneath with a black dot in the middle: *abdomen* yellow with 3 lines of black dots.

Delia. Wings convolute yellow with 2 blue bands on the upper-pair.
Inhabits *Rotterdam Island.* Museum of Sir *Jos. Banks.*
Head fulvous: *antennæ* pectinate black: *feelers* fulvous at the base and tips with black: *thorax* fulvous, blue behind: *abdomen* yellow: *lower-wings* immaculate: *legs* blue: *thighs* yellow at the base.

Capreæ. Wings flexuous cinereous with 3 oblique whitish streaks and 2 stigmata.
Inhabits *Germany*, on the Willow.
Lower-wings brown with a cinereous margin. Beneath cinereous with brown specks dot in the middle and streak behind.
Larva solitary naked green.

Convoluta. Wings convolute pale with yellow veins; upper-pair with 2 angular blue-black spots.
Inhabits *Malabar. Cramer* 18. *tab.* 208. D.

Narbonea. Upper-wings cinereous with 2 yellow streaks and a brown dot behind.
Inhabits *southern Europe.*
The brown dot before the hind-margin is surrounded by a yellow half ring.

Boleti. Upper-wings cinereous speckled with brown; lower-ones brown; antennæ pectinate.
Inhabits *Kiel*, on the Boletus versicolor.
Lower-wings with a cinereous thicker margin.

c. *Wings flat incumbent; thorax crested.*

**Spensa.* Upper-wings undulate with brown: lower-ones red with 2 black bands: abdomen entirely cinereous.
On the Oak. *Merian Europe.* 2. *tab.* 14.
Reaum. 1. *tab.* 32. *fig.* 1—7. *Roes.* 4. *tab.* 19.
Larva studded, head blueish, body variegated: *pupa* folliculate blueish.

* *Nupta.*

* *Nupta.* Wings cinereous varied with brown; lower-ones red with 2 black bands: abdomen hoary beneath.
On the Willow. *Donovan.* vii. *tab.* 224.
Wilks pap. 33. *tab.* 1. *a.* 1. *Roes phal.* 2. *tab.* 15.
Larva grey-brown with a red wart or two near the tail and lateral reddish spots: *pupa* folliculate bluish-black.

* *Pacta.* Wings greyish slightly waved; lower-ones red with 2 black bands: abdomen above red.
On the Oak. *Merian Eur.* 3. *tab.* 38. *fig.* 139.
Wilks pap. 17. *tab.* 2, 6, 1. *Fyefl. Arch. tab.* 5. *fig.* 3.
Abdomen above rosy: *lower-wings* rosy, the anterior band hardly reaching the inner-margin.

Promissa. Wings indented varied with cinereous and brown and with 2 black indented streaks; lower-ones red with 2 black bands.
Inhabits *Austria*, on the Oak. *Wien. Verz.* 90, 6.
Thorax grey with a black band and specks.

Spectrum. Wings dull cinereous with 6 darker waved streaks.
Inhabits *Southern Europe.*
Body brown: *tongue* testaceous: margin of the *upper-wings* with obsolete dots: *lower wings* dusky. Beneath all cinereous with a brown streak in the middle.

* *Fraxini.* Wings indented grey with waved dark bands; lower-ones above black with a blueish band.
On the *Ash* and *Poplar* *Donovan.* v. *tab.* 171. 172.
Merian Europ tab. 46. *Wilks pap.* 45. *tab.* 1. *a.* 2.
Larva cinereous speckled with black: *pupa* reddish-brown with black stigmata.

Vidua. Wings indented cinereous clouded; lower-ones above black with a white denticulate margin
Inhabits *America.* *Smith's Lepidopt. Inf. of Georgia.*

Dotata. Wings indented dusky with a blueish hind-margin; lower-ones black with an abbreviated blueish band.
Inhabits *East India.*
Antennæ reddish: *head* and *thorax* brown: *upper-wings* with a broad paler band in the middle, the blue margin streaked with black. Beneath brown.

Formosa. Wings purplish with a yellow fillet and 2 spots; lower-ones fulvous with a black spot and margin.
Inhabits

Inhabits *Sierra Leona*.
Head blackiſh with 2 white lines: *thorax* purpliſh: *abdomen* yellow: *upper-wings* beneath yellow, the tip brown with 2 yellow ſpots.

*Pronuba. Lower-wings teſtaceous with a black nearly marginal band.
Inhabits *Europe*. *Aibin. Inſ. tab.* 72. C, D.
Merian Eur. tab. 49. *Wilks pap.* 1. *tab.* 1. a. 1.
Upper-wings vary very much in colour.
Larva greeniſh with 2 black interrupted lines down the back: *pupa* naked red.

*Dimidiata. Baſe of the upper-wings cinereous dotted with black, the tip brown with white lines; lower-ones yellow edged with black.
Inhabits *Guinea*
Head and *thorax* grey: *abdomen* yellow with 3 rows of black dots: *upper-wings* beneath brown with a yellow baſe: *lower-ones* beneath with a black dot in the middle: *legs* above brown, beneath yellow.

*Cytherea. Upper-wings variegated with a white ſtreak; lower-ones yellow edged with brown.
Inhabits *Sweden*; leſs than P. pronuba.
Upper wings varied with cinereous and brown with a few ſpots in the middle, beneath duſky: *lower-ones* beneath pale.

*Orbona. Upper-wings liver-colour with ſtreaks of obſolete black dots; lower-ones yellow with a brown lunule and ſtreak behind.
Inhabits *Germany*. *Naturf.* 9, 125. 57.
Head and *thorax* liver-colour: *upper-wings* beneath with a large black ſpot; *lower-ones* beneath with a liver-colour lunule and inner-margin.

*Solani. Upper-wings varied with greeniſh and grey; lower-ones rufous with a broad ſubmarginal black band.
On the Solanum tuberoſum. *Naturf.* 9. *tab.* 1. *fig.* 3.
Upper-wings with a few white dots near the tip and a ſmall black ſpot near them.
Larva fat rugged cinereous: *pupa* naked red-brown.

*Linogriſea. Wings indented variegated, ferruginous at the tip; lower-ones yellow edged with brown.
Inhabits *Auſtria*. *Eſp. Phal.* 4. *tab.* 29. *fig.* 3.
Larva reddiſh on the back with a black dot and oblique lines.

Hymenæa. Wings grey with angular black ſtreaks: lower-ones yellow with 2 black curved bands.
On the Prunus ſpinoſa. *Ilybn. Peyr.* 3. *tab.* 3. *fg.* 5.
Larva greeniſh-yellow with 2 lines of tubercles and projecting elevated tooth in the middle.

Ratta. Wings variegated; body above black with a white dorſal fillet.
Inhabits *Tranquebar*, large.
Antennæ ferruginous with a white ſhaft: *feelers* large white: *head* and *thorax* above black with a whitiſh line down the middle: *lower-wings* varied with pale and black, beneath yelloviſh with a tranſverſe brown ſpot at the angle of the tail.

Epione. Wings variegated with 2 white dots; lower-ones black edged with white.
Inhabits *North America*. *Cram.* 9. *tab.* 102. E, F.
Upper-wings blueiſh varied with rufous and black, the diſk beneath black with a white ſpot and ſtreaks: *lower ones* black in the middle, the baſe and tip liver-colour, the hind-margin white.

Paranympha. Upper-wings brown with angular white and black ſtreaks; lower-ones yellow with 2 curved black bands.
Inhabits *Germany*. *Roes. Inſ.* 4. *tab.* 18. *fig.* 1. 2.
Larva naked cinereous with a yellow tubercle on the back and ſharp reflected one on the tail, beneath dotted with black: *pupa* looſely folliculate reddiſh-brown.

Neogama. Wings indented with grey and ſooty clouds and flexuous lines, the margin dotted; lower-ones yellow with 2 continued black bands.
Inhabits *America*. *Smith's Lepidopt. Inſ. of Georgia.*

Conſors. Wings clouded with grey and teſtaceous and marked with tongue-ſhaped lines: lower-ones yellow with 2 flexuous continued black bands.
Inhabits *America*. *Smith's Lepidopt. Inſ. of Georgia.*

Amaſia. Wings varied with cinereous and whitiſh with a fulvous ſtreak; lower-ones yellow with 2 black bands, the outer-one interrupted.
Inhabits *America*. *Smith's Lepidopt. Inſ. of Georgia.*

**Fimbria.* Upper-wings clay-colour with a paler tip; lower-ones pale orange with a broad black band.
Inhabits

Inhabits *Germany* and *England*. *Donovan*. vi. *tab.* 208.
Larva ſmooth browniſh with pale lines and black ſtigmata: *pupa* blueiſh-black.

Xanthina. Wings grey with a whitiſh patch; lower-ones black with a ferruginous margin and ſpot in the middle.
Inhabits *Germany*. *Fyeſl. Arch.* 3. *tab.* 16.
Upper-wings with a few white lunules in the middle.
Larva whitiſh with brown waves and black dots behind: *pupa* folliculate reddiſh-brown.

Meretrix. Wings grey with a central brown lunule between 2 white ſtreaks; lower-ones whitiſh at the baſe.
Inhabits *Hamburg*.
Upper wings with a brown dot at the baſe, the hind-margin darker with a ſtreak of black dots: *lower-ones* brown at the tip.

Alienata. Wings fulvous with ocellar yellow ſpots; lower-ones yellow with a black ſpot and margin.
Inhabits *Sierra Leona*.
Body yellow: all the ſpots on the *upper-wings* ſurrounded with a black ring.

Paphia. Wings cinereous with black ſtreaks; lower-ones fulvous at the baſe and black at the tip.
Inhabits *South American Iſlands*.
Wings beneath all brown, lower-ones yellow at the baſe.

Augur. Wings brown with black characters.
Inhabits *Germany*.
Lower-wings brown immaculate. Beneath all grey with a central brown dot and ſtreak behind on the lower-ones.

Segetis. Wings ferruginous with darker waved ſtreaks; lower-ones whitiſh.
Wien. Verz. 252. *tab.* 1. a. 3 b. 3.
Very common in the South of *Europe* where it is very deſtructive to the roots of corn.
Antennæ of the male pectinate.
Larva naked livid, the ſegments with 4 black dots, head with 3 ſtreaks.

**Straminea* Wings ſtraw-colour with a double blackiſh ſpot in the middle of the outer margin and a darker ſubmarginal band; lower-ones with a broad brown border.
Inhabits *England*. *Donovan's Eng. Inſ.* ii. *tab.* 61.

Antennæ, *tongue* and whole *body* pale yellow.
Upper-wings with a few black dots, the band near the margin with a row of 9 white dots, the margin itſelf yelloviſh.

Ambuſta. Wings grey-brown with 3 yelloviſh ſtreaks and ring in the middle and a waved ſtreak behind.
Inhabits *Auſtria*, on the Lichen parietinus. *Wien. Verz.* 83, 16.
Antennae ferruginous whitiſh at the baſe: *head* and *thorax* reddiſh-grey: *lower-wings* whitiſh tipt with brown.
Larva naked brown with white lines.

Subtuſa. Wings brown cinereous with 4 yelloviſh ſtreaks and 3 rings
Inhabits *Auſtria*, on the Aſp. *Wien. Verz.* 88. 17.
Lower-wings brown: *antennae* pale.
Larva naked whitiſh with white lines, head black with a white front.

Retuſa. Wings ſlightly emarginate grey-brown with 3 paler ſtreaks.
Inhabits *Auſtria*, on the Willow. *Wien. Verz.* 88, 18.
Larva naked green with 3 dorſal lines and a lateral one.

Mercatoria. Wings ferruginous with brown waved ſtreaks; lower-ones black at the tip with white ſpots.
Inhabits *India*. *Cramer.* 6. *tab.* 62. C, D.?
Upper-wings with a few brown ſpots: *lower-wings* cinereous at the baſe, beneath grey with darker waved ſtreaks.

Partita. Wings ſlightly indented grey with a black ſpot at the baſe, 2 reddiſh-brown ſtigmata and white ſtreak in the middle.
Inhabits *India*.
Antennae reddiſh-brown: *head* and *thorax* cinereous: *lower-wings* cinereous tipt with brown. Beneath all cinereous.

* *Maura.* Wings indented dark brown with irregular cinereous marks; beneath a whitiſh border.
Inhabits *Germany* and *England*. *Donovan* vii. *tab.* 230. *fig.* 1.
Harris Inſ. tab. 1. *fig.* 2, b. *Wien. Verz.* 90, 1.

Lunaris. Wings indented browniſh, grey in the middle with a black dot and brown lunule.
Inhabits *Austria*. *Hybn. Beytr. tab.* 2, *fig.* 2.
Antennae brown with a white baſe: *upper-wings* grey at the baſe, then brown with a cinereous ſtreak, behind the middle a cinereous ſtreak and afterwards browniſh with an obſolete indented cinereous band with black dots before the margin: *lower-wings* cinereous at the baſe and tipt with brown.

Larva

Larva brown-ferruginous with pale dots, before are 2 fulvous dots and 2 tubercles at the tail.

Luſoria. Wings glaucous with a black lunule; thorax black before.
Inhabits *Auſtria*. *Reaum Inſ.* 1. *tab.* 14. *fig.* 10.
Larva cinereous with blackiſh dots and 2 black lines and an interrupted yellow one in the middle.

Craccæ. Wings ſtriate cinereous with a white dot and lunule of black ones; thorax black before.
Inhabits *Auſtria*. *Hybn. Beytr.* 3. *tab.* 4. *fig.* W.
Upper-wings with an obſolete darker band behind, the rib with 4 brown dots.
Larva varied with brown and grey, tail bifid.

* *Libatrix.* Wings jagged reddiſh grey with 2 white dots and 2 whitiſh ſtreaks.
Inhabits *Europe*. *Donovan.* vi. *tab.* 216.
Albin Inſ. tab. 32. *fig.* 50. *Harris. tab.* 1. *fig.* c, d.
Larva naked green with white lines and reddiſh ſtigmata: *pupa* folliculate blue-black.

* *Plecta.* Wings brown with a white thicker margin.
Inhabits *Europe*. *Kleman. Inſ tab.* 33.
Larva green with a reddiſh head: *pupa* folliculate black.

C. nigrum. Wings brown cinereous with a black ſpot whitiſh without and a black line at the tip.
Inhabits *Auſtria*. *Clerk Icon. tab.* 1. *fig.* 3.
Thorax brown, white before with a ferruginous ſtreak: *lower-wings* whitiſh.
Larva varied with cinereous and brown with tranſverſe black lateral lines and a lateral pale one.

Signum. Wings with 3 brown ſpots, the rib grey at the baſe; thorax brown, reddith before.
Inhabits *Auſtria*. *Wien. Verz.* 78. 8.
Upper-wings with a ſtreak of black dots on the hind-margin: *lower-wings* duſky.

Nan atrum. Wings brown with cinereous ſtreaks and 2 central black lines, the firſt curved.
Inhabits *Auſtria*. *Wien. Verz.* 78, 9.
Antennæ pectinate ferruginous: rib of the *upper-wings* behind cinereous with black dots beyond the middle: *lower-wings* brown with a white central dot beneath.
Larva labrous green with white dots and a ſnowy lateral line.

Cincta. Wings brown with a grey ſpot in the middle ſurrounded with a black flexuous line, the pupil black.
Inhabits *Auſtria. Wien. Verz.* 78. 10.
Antennae pectinate brown: in the middle of the grey ſpot is a tranſverſe black dot: tip of the *wings* grey with a dotted margin: *lower-ones* brown.

Rectangula Wings brown with 4 black dots in the middle, 2 of which are coſtal: thorax black before.
Inhabits *Auſtria. Wien. Verz.* 78. 15.
Head and *thorax* brown-ferruginous: *upper-wings* with a few black dots at the baſe, the rib dotted with white.

Polymita Wings clouded with cinereous and brown; angle of the tail with a black ſpot.
Inhabits *Europe. Wien. Verz.* 72. 4.
Thorax cinereous with 2 black curves before and 3 white ſpots behind.

**Braſſicæ.* Wings clouded with cinereous with a black hook at the firſt ſpot.
Inhabits *Europe Albin. tab.* 28. *Mer. Eur. tab.* 81.
Larva brown or green with a darker dorſal line and white ſtigmata: *pupa* reddiſh brown.

Flammatra Wings grey with a fulvous black line at the baſe: thorax with a black band.
Inhabits *Auſtria. Wien. Verz.* 80. 1,
Upper wings with a few brown ſpots in the middle.

Ceſpitis. Wings brown with 3 whitiſh waved ſtreaks connected with a black one; lower-ones white.
Inhabits *Auſtria. Wien. Verz.* 82. 2.
Head and *thorax* brown: *upper-wings* with a few ſpots ſurrounded with a white ring: *lower-wings* white with a browniſh inner margin.
Larva naked browniſh with 3 concurrent paler lines.

Chenopodii. Wings cinereous ſpotted with black with a white 2-toothed ſtreak behind; creſt of the thorax ſhort and bifid.
Inhabits *Auſtria. Wien. Verz* 82 6.
Lower-wings cinereous tipt with brown.
Larva green with a dull dorſal line and lateral red one.

Griſea. Wings dull grey with 2 minute white dots in the middle.

Inhabits

Inhabits *Kiel.* *Body* cinereous.
Upper-wings with a ſtreak of very minute black dots behind the white one: *lower-wings* duſky with a white outer margin.

Contigua. Wings clouded cinereous and brown with a 2-toothed white ſtreak behind; creſt of the thorax bifid.
Inhabits *Austria*, *Wien. Verz.* 82. 7.
Larva green with a reddiſh-brown head and 2 ſpots on the firſt ſegment, ſtigmata black.

Pupilla. Wings brown-orange with cinereous ſpots, the firſt with a fulvous pupil.
Inhabits *Kiel.* *Body* brown.
Lower-wings whitiſh, beneath with a brown ſtreak behind.

Dentina Wings varied with cinereous and brown with a yellow ſpot at the inner-margin and ſtreak behind.
Inhabits *Austria*. *Wien. Verz.* 82. 8.
Upper-wings browniſh in the middle with a few ſpots and a cinereous bifid one.

Bimaculoja Wings whitiſh grey; upper-pair ſlightly clouded; lower-ones ſpotted with black.
Inhabits *Germany*. *Wien. Verz.* 82. 5.
Lower-wings with 2 black ſpots.
Larva naked grey dotted with white, with 2 horns on the tail.

Exclamationis. Wings brown with a ſmall black line and head-ſhaped ſpot behind.
On the Senechio vulgaris. *Clerk. Icon. tab.* 1. *fig.* 4.
Larva brown-ferruginous dotted with black, a pale line down the back.

Diſtincta. Wings yellowiſh-grey with 2 central black ſpots, the tip duſky.
Inhabits *Germany*.
Upper-wings with a few obſolete brown ſtreaks, the hind-margin duſky with a terminal ſtreak of black dots: *lower-wings* beneath cinereous with a brown dot in the middle and ſtreak behind.

Subterranea Wings brown, baſe of the rib and hind-margin cinereous.
Inhabits *South America*.
Head and *thorax* brown, the creſt a double black curve: *abdomen* cinereous: *lower-wings* whitiſh.

Larva

Larva above grey with confluent pale and reddiſh ſpots: lives under ground and ſometimes eats its way into the ſtems of plants, but more frequently eats off the ſtalks at the baſe and then feeds on the leaves.

Suffuſa. Wings brown paler at the tip, with a ſmall black line in the middle and 2 at the tip marked with a white dot.

Inhabits *Auſtria*. *Wien. Verz.* 80. 4.

Body brown with a black band on the fore-part: *upper-wings* ſometimes variegated with grey: *lower-wings* whitiſh.

Signifera. Wings cinereous with brown waves and a black line at the baſe ending in an oblong whitiſh pupil at the tip.

Inhabits *Auſtria*, on the Cochlearia. *Wien. Verz.* 80. 8.

Upper-wings with 2 ſpots in the middle, the margin ſtreaked with black: *lower-ones* whitiſh.

Larva naked varied with cinereous and brown with black dots and lines, neck yellowiſh with 3 white lines.

Valligera. Wings varied cinereous and brown with an oblong blackiſh ſpot at the baſe in which is an ocellar ferruginous dot.

Inhabits *Auſtria*. *Wien. Verz.* 80. 9,

Antennæ pectinate: *body* grey; *wings* grey with brown ſpots and dots, the ferruginous dot ſurrounded with a white ring, the rib brown with 3 white dots.

Cautimacula. Wings indented grey with 2 black dots at the baſe and 2 cinereous ſtreaks.

Inhabits *Auſtria*. *Wien. Verz.* 81. 14.

Body grey: *antennæ* brown: *upper-wings* with a few ſpots in the middle, the margin grey with a ſtreak of black dots.

Larva fleſh-colour ſpeckled with black, the ſides and head yellowiſh.

l. album. Wings grey marked with a white l.

Inhabits *Europe*. *Hybn. Beytr.* 4. *tab.* 2. *fig.* K.

The letter l is placed longitudinally in the middle of the *wings*, the hind margin brown.

Viminalis. Wings brown at the baſe with fulvous waved ſtreaks, the tip cinereous.

Inhabits *Germany*, on the Willow. *Roes. Inſ.* 3. *tab.* 11.

Be-

Between the fulvous ſtreaks is a yellow dot, the hind-margin dotted with black.
Larva greeniſh with 5 white lines and a few ſtreaks: *pupa* hardly folliculate cheſnut-brown.

Pagana. Wings grey-brown with 5 marginal brown dots and 3 white ones: lower-ones white with a black band.
Inhabits *India*.
All the *wings* beneath white with a black marginal band.

d. *Wings deflected; thorax ſmooth.*

Ficus. Wings cinereous with white veins, the baſe ſpotted with fulvous white and black.
Inhabits *India*, on the Ficus racemoſa.
Antennæ of the female ſetaceous, of the male pectinate and ſetaceous at the tip: *head* fulvous: *thorax* fulvous with a black dot each ſide: *abdomen* cinereous with 2 black dots each ſide: *upper-wings* with a long marginal fulvous ſpot at the baſe in which are 6 black dots and 3 white ones, at the thinner margin are 2 white ſpots, the firſt with a black dot and lunule the other with a black dot: *lower-wings* yellow with a few black dots, beneath yellowiſh ſpotted with black.

Caricae. Wings cinereous with white ſtreaks and dot in the middle, the baſe fulvous with 5 black dots.
Inhabits *India*, on the Ficus Indiæ. *Cram.* 12. *t.* 133. *f.* 2.
Antennae filiform: *head* fulvous with 2 black dots: *thorax* fulvous with 2 black dots: *lower-wings* yellow ſpotted with black.

Coronata. Wings brown with 3 obſcure ſtreak and a ſtigma behind dotted with black.
Inhabits *China*.
Upper-wings with 3 ſtreaks which conſiſt of a darker and paler line, in the middle are 2 ſpots, the hinder-one kidney-ſhaped with 7 black dots: *lower-wings* yellow with 2 black bands. Beneath all yellowiſh: *abdomen* yellow with black belts.

Manlias. Wings cheſnut-brown; lower-ones with a blue band and black margin.
Inhabits *Aſia*. *Cram.* 8. *tab.* 92. A.
Upper-wings with an abbreviated dull band and paler ſpots: *lower-wings* black at the tip.

Hircus. Wings brown, paler in the middle; lower-ones black with a yellow fore-angle.

Inhabit[s]

Inhabits *Guinea*; large.
Upper-wings with a broad grey-ferruginous band in the middle, beneath black with an abbreviated white band: *lower-wings* beneath black with a marginal white band.

Geryon. Wings black ſpotted with yellow; lower-ones red edged with black
Inhabits *Africa*; large.
Head and *thorax* black dotted with white: *abdomen* brown with yellow rings and white ones beneath; tail fulvous; *upper-wings* whitiſh at the tip.

Leonina. Wings cheſnut-brown with grey ſtigmata; lower-ones yellow with 2 black ſpots; abdomen with black belts.
Inhabits *India*. In the muſeum of Sir *Joſ. Banks*.
Upper wings with 4 obſcure ſtreaks, the third dotted with white, the fourth joined to a white one. Beneath all yellowiſh.

Dama. Wings brown ſtreaked with white; lower-ones white edged with black.
Inhabits *New Holland*. In the muſeum of Sir. *Joſ. Banks*.
Antennæ pectinate black: *thorax* fulvous dotted with black; *abdomen* fulvous ſpotted with black: *upper-wings* beneath brown with a white ſpot in the middle: *lower-wings* beneath white with a black border.

Arundinis Wings cinereous with black dots and marginal lunules, beneath with a central brown ſpot.
In the ſtalks of the common Reed, and is ſaid to occaſion the ſtaggers in Horſes. *Naturf.* 11. *tab.* 3.
Body cinereous hairy immaculute: *upper-wings* with 3 pale ſpots at the thicker margin, beneath duſky: *lower-wings* beneath pale with a brown ſpot in the middle.
Larva green dotted with black: *pupa* elongated nearly cylindrical cheſnut-brown.

Vireſcens. Wings greeniſh with 3 darker ſtreaks.
In the Pods of the *Cytiſus Caian*.
Body greeniſh: *antennae* and *tongue* ferruginous: *lower-wings* white with a ferruginous patch on the hind-margin. Beneath all white.
Larva glabrous pale greeniſh with 3 darker ſtreaks down the back and a yellowiſh lateral one, head pale: *pupa* cheſnut-brown.

**Batis.* Upper-wings brown with 5 peach-colour ſpots; lower-ones cinereous.
Inhabits

Inhabits *Europe*. *Donovan.* i. *tab.* 33. *fig.* 1.
Merian. Eur. 3. *tab.* 21. *fig.* 1. *Roes. Inf.* 4. *tab.* 26.
Larva naked ferruginous gibbous before and behind: *pupa* brown, tapering before.

Silene. Wings pale orange with a grey ſpot behind dotted with black.
Inhabits *Auſtria*. *Wien Verz.* 85. 1.
Head and *thorax* pale orange: *upper-wings* with an obſcure abbreviated ſtreak in the middle and a few grey ſpots, the anterior of which has ſometimes a black lunule.
Larva naked dull brown with black ſtigmata, and a black collar edged with white.

Nitida. Wings ſubſtriate ferruginous with yellow ſtreaks; lower-ones brown.
Inhabits *Auſtria*. *Wien. Verz.* 86. 4.
Upper-wings with a few ſpots in the middle and a ſtreak of black dots towards the hind-margin.
Larva naked brown varied with grey and rufous, head pale, collar black with 2 white lines.

Rubiginea. Wings yellow with ferruginous waves and ſcattered black dots.
Inhabits *Auſtria*. *Wien. Verz.* 86. 8.
Antennae brown. *head* and *thorax* yellow; *lower-wings* brown with a fulvous margin.

Rufina. Wings rufous with 3 browniſh bands, the hind-one broader; beneath reddiſh.
Inhabits *Europe*, on the Oak. *Clerk, Icon. tab.* 4. *fig.* 8.
Larva naked liver-colour with white dots and a white lateral line.

Martia. Wings pale orange mixed with cinereous; lower-ones ferruginous.
Inhabits *Germany*.
Body pale orange: *upper-wings* with cinereous ſpots and ſpecks. Beneath all cinereous with a ferruginous dot in the middle and ſtreak.

Strigoſa. Wings varied brown and cinereous with 3 black lines before the inner-margin.
Inhabits *Auſtria*. *Wien. Verz.* 88. 15.
Upper-wings with a waved ſtreak at the tip: *lower-ones* cinereous.

Fulvia. Both surfaces of the wings alike, fulvous edged with black.
Inhabits *India. Clerk Icon. tab.* 55. *fig.* 9.
Abdomen black, beneath yellow.

Scutosa. Wings varied with brown and white; lower-oues white at the base with a brown spot, the tip brown spotted with white.
Inhabits *Austria. Wien. Verz.* 89. 1.
Body grey brown: *upper-wings* brown, white in the middle with 3 brown spots, the tip brown with white streaks and marginal dots: beneath a white border with 3 large black dots; *lower-wings* beneath white with a brown dot in the middle and brown streak and dot at the tip.
Larva greenish with black dots and obscure lines.

**Glyphica.* Wings vatiegated with cinereous and brown; beneath yellow with brown bands.
On the Verbascum. *Reaum. Inf.* 1. *tab.* 49. *fig.* 14.

Dipsacea Wings pale with a broad brown band; lower-ones varied with white and black.
Inhabits *Europe. Merian. Europ.* 2. *tab.* 49.
Larva red with white interrupted lines head, cinereous.

Ononis. Wings cinereous with a flesh-colour bloom and barred with brown; lower-ones black with 2 white spots.
Hybn. Beytr. 2. *tab.* 4. *fig.* W. *Wien. Verz.* 89. 4.
Inhabits *Austria.*, on the flowers of the Ononis spinosa.
Upper-wings with a broad brown margin in which is a small cinereous streak.
Larva solitary naked with alternate rosy and purple streaks.

Mi. Wings varied with cinereous and brown with a black W beneath.
On the Medicago falcata. *Hybn. Beytr.* 3. *tab.* 2. *fig.* F.

Triquetra. Wings cinereous with 4 brown spots; the anterior ones triangular; lower-ones yellow with brown bands.
Inhabits *Austria. Hybn. Beytr.* 3. *tab.* 2. *fig.* I.
Lower-wings with a brown hind-margin.

Punctum. Wings indented brown slightly waved with reddish-brown, with a snowy stigma in the middle.
Inhabits *East India.*
Lower-wings and all beneath brown.

Pulcra.

Pubchra. Wings pale with 2 black ſpots at the rib.
Inhabits *Eaſt India:* ſmall.
Thorax pale, black before the anterior margin: *lower-wings* and all beneath yellowiſh immaculate.

Avida. Wings ſhining browd with a ferruginous ſtigma and ban behind; lower-ones white.
Inhabits *East India.* In the muſeum of Sir. *Joſ. Banks.*
Head and *thorax* blackiſh: *abdomen* ſnowy beneath brown: *upper-wings* with yellowiſh lunules on the ferruginous band, the margin with a black waved ſtreak; beneath brown; *lower-wings* beneath white.

* *Roboris.* Wings cinereous with 2 white waved ſtreaks, and a central ſnowy ſpot in which is a black lunule.
Inhabits *Europe.* *Donovan* ix. *tab.* 299.
Antennae ſimple; ſtreak on the *wings* edged with brown.
Larva glabrous green with 2 yellow lines each ſide: *pupa* black.

Mixta. Wings pale ſlightly barred with brown; lower-ones pale at the baſe and tipt with brown.
Inhabits *Saxony.* *Body* white immaculate.
All the *wings* beneath pale.

Crucis. Wings ſhining cinereous with a brown ſtreak in the middle and band behind.
Inhabits *South American Iſlands.*
Upper-wings with a ſtreak of ſmall black dots behind the band: *lower-ones* and all beneath yellowiſh.

Inquinata Wings cinereous with brown waves and ſubferruginous band in the middle in which is a black dot.
Inhabits *Eaſt India.*
Upper-wings ſpeckled with brown with a very ſmall black dot before the band, beneath brown with a ſulvous ſpot and baſe, *lower-wings* brown with a yellow baſe, beneath yellow with a brown hind-margin.

Albicollis Wings white at the baſe and brown at the tip with a double white patch.
Inhabits *Europe.* *Hybn Beytr.* 4. *tab.* 4. *fig.* W.
Upper-wings with a ſmall black dot at the baſe.
Larva naked grey ſtriate tapering at each end, head teſtaceous, each ſegment with 2 white dots.

Italica. Wings brown with ferruginous ſtreaks and a tranſverſe white marginal ſpot.
Inhabits

Inhabits *Italy*. *Schaeff. Icon. tab* 51. *fig.* 11. 12.
Head and *thorax* brown: *abdomen* cinereous, the edges of the segments white: *lower-wings* and all beneath black with a white base and spots.

Barbata Wings pale with 3 white streaks and 2 brown dots in the middle.
Inhabits *South American Islands*.
Margin of the *upper-wings* a little ferruginous, beneath pale. In one *Sex* the fore-thighs are bearded with black.

Palliata Upper-wings ferruginous with a black dot at the tip; lower-ones black with a fulvous margin.
Inhabits *Germany*.
Head and *thorax* dull ferruginous: *abdomen* above brown beneath cinereous: *wings* beneath all black with fulvous margins.

Hypatia. Wings whitish; upper-pair with a black disk in which is an oblique snowy band and and a snowy streak at the base.
Inhabits *East India*. *Cram. tab.* 250. E.
Upper-wings with a black band and white streak behind the disk: *lower-ones* and all beneath whitish.

Triangulum. Wings grey with a black disk in which is a snowy triangle.
Inhabits *Tranquebar*. *Cramer. tab* 156. G.
Rib of the *upper-wings* snowy at the base. Beneath all dusky.

Palmata. Wings subferruginous with obsolete waved streaks and snowy spot in the middle.
Inhabits *South American Islands*.
Wings beneath pale with ferruginous streaks.
Female with a darker instead of the snowy spot.
Larva green with a broad brown dorsal line, beneath dotted with brown.

Arcuata. Wings whitish with a black curve in the middle and marginal spot behind.
Inhabits *Tranquebar*.
Antennæ pectinate, naked at the tip; *body* whitish.

Vulpina. Upper-wings dull cinereous immaculate; lower-ones black at the tip with white spots.
Inhabits *East India*: large.

Notata.

Notata. Wings cinereous with brown bands and a black dot at the inner-margin.

Inhabits *East India.*

Upper-wings with a ſtreak of black dots near the margin, the tip brown: beneath cinereous with a brown lunule in the middle and band behind: *lower-wings* whitiſh with a brown ſtreak in the middle and band behind.

Deſtituta. Wings grey, with brown ſpots and a white ſubmarginal ſtreak edged with brown.

Inhabits *China.*

Upper wings with an obſolete brown band reaching from the middle of the thinner margin to the tip. Beneath grey with 2 brown ſtreaks, the firſt waved, the ſecond compoſed of ſpots: *thighs* and *ſhanks* very hairy.

Tigrina. Upper-wings variegated; lower-ones black with a white band and 3 marginal ſpots.

Inhabits *India. Cram.* 27 *tab.* 932. C, D. *tab.* 62. C, D.

Upper-wings darker at the baſe with a brown ſtreak, the middle immaculate, the tip varied with brown cinereous and rufous with 3 white dots at the rib. Beneath grey with brown waves.

Lyncea. Upper-wings varied with yellow and brown with a ſnowy dot in the middle, beneath yellow with brown waves.

Inhabits *East India.*

Head and *thorax* brown: *lower-wings* and all beneath yellow with brown waves.

Geometrica. Wings brown with a large black ſpot in which are 2 bands, the firſt ſnowy, the other cheſnut-brown.

Inhabits *East India.*

The cheſnut-brown band on the *upper-wings* is terminated by a white ſtreak: *lower-wings* and all beneath black with a white band and margin.

Mezenteria Wings black; upper-pair ſpeckled with blue, lower-ones tipt with white.

Inhabits *East India. Cram. tab.* 323. F.

Head and *thorax* brown: *abdomen* black, the tail ferruginous: *lower-wings* black with a blue gloſs.

Stolida. Wings brown with 2 ſnowy bands, the hinder-one 1-toothed.

Inhabits *East India.*

Body cinereous: *lower-wings* brown with a white band and dot at the angle of the tail.

Nivea.

Nivea. Wings and body white; antennæ and tongue teſtaceous.
Inhabits *Norway.*

Joviana. Wings cinereous with a tranſverſe black ſpot which is rounded before ſinuate behind and edged with white.
Inhabits *Eaſt India. Cramer. tab.* 399. B.
Upper-wings with 2 whitiſh ſtreaks joined to a brown one at the baſe: behind the black ſpot is a ſtreak of brown ſpots and 3 ſmall white dots at the thicker margin: *lower-wings* and all beneath cinereous: *abdomen* cinereous with 3 white dots each ſide.

Stupoſa. Wings black with a white band in the middle, the tip cinereous with a double black ſpot.
Inhabits *East India. Cramer. tab.* 273. E.
Lower-wings black with a white band in the middle. Beneath all grey.

Inclyta. Wings brown with 3 blueiſh ſtreaks joined to a cheſnut-brown one.
Inhabits *Braſil.* In the muſeum of Sir *Joſ. Banks.*
Body brown: *antennæ* ſimple: *upper-wings* with a blue dot at the baſe of the thicker margin: *lower-wings* brown with a blueiſh ſpot at the angle of the tail. Beath all brown immaculate.

Minioſa. Wings ferruginous with 3 waved carmine ſtreaks and ſpots.
Inhabits *Auſtria. Wien. Verz.* 88, 14.
Antennae pectinate: *upper-wings* with a ſtreak of black dots towards the margin; *lower wings* whitiſh with a brown marginal ſtreak.
Larva black with an interrupted yellow line and 3 lines on the neck.

Urſina. Wings dull grey; lower-ones white hyaline with a black margin.
Inhabits *South American Iſlands.*
Body cinereous: *abdomen* white: *upper-wings* with an obſcure grey ſpot or two. Beneath all white with a black hind-margin.

Canina. Wings cinereous varied with brown; lower-ones white hyaline immaculate.
Inhabits *South American Iſlands.*
All the *wings* beneath immaculate.

**Trapezina* Wings whitiſh with a very broad deeper band in which is a black dot, the margin dotted with black.
Inhabits *Europe*, on the nut-tree. *Merian Eur. tab.* 11.

Larva

Larva greeniſh with cinereous white and ſulphur lines; preys on the larva of other moths and even its own ſpecies: *pupa* folliculate cheſnut-brown.

* *Ceraſi.* Wings grey-ferruginous with a yellowiſh ſpot and ſtreak behind, the margin dotted with black.
Inhabits *England* and *Germany*. *Roeſ. Inſ.* 1. *phal.* 2. *tab.* 53.
Lower-wings gloſſy-cinereous with a large brown central dot beneath.
Larva yellowiſh with 3 ſulphur lines, head blue: *pupa* naked cheſnut-brown, 2-toothed behind.

Instabilis. Wings grey with a ferruginous band in the middle.
Inhabits *Auſtria*. *Wien Verz.* 76. 1.
Body hairy ſubferruginous: *lower-wings* above brown, beneath cinereous with a brown central dot.
The colour of the *upper-wings* varies but the ferruginous band always diſtinguiſhes the ſpecies.
Larva naked green with a white dorſal line and lateral yellow one.

Humilis. Wings grey with 3 yellowiſh ſtreaks and a brown one in the middle, the margin dotted.
Inhabits *Auſtria*. *Wien. Verz.* 76, 3.
Antennae ferruginous: *body* grey: *upper-wings* with 2 ſpots ſurrounded with a yellowiſh ring: *lower-wings* brown, beneath whitiſh with a brown dot in the middle.

Centralis. Wings dull cinereous with a black central dot.
Inhabits *Kiel*: ſmall.
Body dull cinereous with a few obſolete yellowiſh waved ſtreaks: *lower-wings* beneath pale with a brown ſtreak and dot in the middle.

Lychnidis. Wings ferruginous-brown ſtriate with yellow.
Inhabits *Auſtria*. *Wien, Verz.* 76, 5.
Body grey: *antennae* ferruginous: *upper-wings* with 6 or 7 yellow ſtriæ from the baſe below the ordinary ſpots, towards the tip are 2 ſtreaks; *lower-wings* brown.

Fixa. Upper-wings pale at the baſe, the tip greeniſh with a pale ſtreak; lower-ones yellow edged with black.
Inhabits *Gibraltar*; ſmall.
Body above browniſh, beneath yellow: *upper wings* grey at the baſe with a brown band in the middle: *lower-wings* with a few black ſtreaks before the margin.

* *Monilis.*

* *Monilis.* Wings chesnut-brown with 4 approximate white dots; antennæ pectinate.
Inhabits *England*; middle sized.
Head and *thorax* ferruginous: *antennæ* ferruginous: *abdomen* paler: *upper-wings* with a dusky dot in the middle and 4 white dots placed transversely at the thinner margin, 1, 3 less than the rest, towards the tip are 4 yellowish obsolete ones: *lower-wings* pale reddish with a darker streak beneath.

Electrica. Wings grey with 2 black waved streaks at the tip.
Inhabits *Kiel.*
Head and *thorax* grey: *abdomen* paler: *upper-wings* with 2 spots in the middle, the first small and round, the other larger and kidney-shaped, the margin fringed with cinereous and brown: *lower-wings* and all beneath white immaculate.

Undata. Wings grey with waved brown streaks; lower-ones cinereous with a black marginal band.
Inhabits *East India.*
Antennæ ferruginous: *head* and *thorax* greenish: *upper-wings* beneath with 2 black spots and a band behind.

Vittata. Wings cinereous with brown streaks; lower-ones yellowish with a black marginrl fillet.
Inhabits *East India. Cramer. tab.* 399. G.
Antennae pale rufous, as long as the body: *upper wings* with a brown ring at the base and kidney shaped spot in the middle: *lower-wings* with 3 brown streaks, the margin yellowish.

Annulata. Wings glossy-brown; lower-ones beneath grey with a brown dot in the middle and streak behind: fore-shanks annulate with white.
Inhabits *Tranquebar.*
Upper-wings with a few white dots at the rib: *lower-wings* blackish with a whitish margin.

Munda. Wings cinereous with a yellowish streak behind in which are 2 black dots.
Inhabits *Austria. Wien. Verz.* 16, 7.
Upper-wings with sometimes 2 black dots at the angle of the tail.
Larva naked varied with grey and black with a testaceous lateral line.

Blanda. Wings brown-cinereous with a whiter streak behind.
Inhabits *Austria. Wien. Verz.* 77. 8.
Body hairy cinereous: *lower-wings* cinereous.

Ambigua.

Ambigua. Wings cinereous ſpeckled with black, a black ſtreak behind the middle.

Inhabits *Austria*. *Wien. Verz.* 77, 8.

Lower-wings whitiſh with a black dot in the middle beneath.

Larva varied with ferruginous and brown, head brown.

Gracilis. Wings brown-cinereous with a brown waved ſtreak at the baſe and a yellowiſh one at the the tip with a punctured one between them.

Inhabits *Austria*. *Wien. Verz.* 76, 4.

Wings with a few ſpots in the middle and a ſtreak of black dots behind them.

Larva naked greeniſh with yellowiſh ſides, the inciſures yellow, each ſegment with 4 duſky ſpots and a black one before.

Repanda. Wings yellowiſh with 2 brown ſtreaks behind, one flexuous, the other compoſed of dots..

Inhabits *South American Iſlands*.

Body yellowiſh: *upper-wings* with a black dot at the thinner-margin, a few ſpots in the middle, and an oblique reddiſh ſtreak behind: *lower-wings* yellow with a brown ſtreak behind and ſpot at the tip. Beneath all yellow. The other *ſex* is without the black dot at the thinner margin.

Verſicolor. Wings grey or purpliſh with an abbreviated white band on the upper-pair.

Inhabits *American Iſlands*.

Colour of the *wings* very variable but always with the white band; beneath with a dull ſtreak or two in the middle.

Corchori. Wings angular cinereous with a broad darker band in the middle which is angular behind.

Inhabits *South America*.

Upper-wings with a black dot in the middle of the band: *lower-wings* blackiſh with a fringed blackiſh hind-margin. Beneath cheſnut-brown with a whitiſh inner margin.

Larva glabrous green with a yellow undulate laterai line and double purple one, head yellow: *pupa* cheſnut-brown.

Diſcolor. Wings brown; upper-pair with a paler band 1-toothed behind; lower-ones with 2 white marginal ſpots.

Inhabits *Tranquebar*.

Body cinereous brown: *thorax* with a black ſpot.

The band in one *ſex* is greeniſh with a black dot in the middle; before the margin an obſolete white patch. Beneath all brown with a white dot in the middle of the lower-ones.

Sordida. Wings yellowiſh with a common brown ſtreak and ſubmarginal dots; beneath a ſnowy lunule in the middle.
Inhabits *Tranquebar.*
Body yellowiſh: *upper-wings* with an obſolete brown ſtreak at the baſe, ſubocellar dot before the middle and kidney ſhaped ſpot. Beneath all paler with a ſnowy dot in the middle and 2 ſtreaks behind.

Frugalis. Wings cinereous with an oblique brown band and ſtreak of black dots behind.
Inhabits *India.*
Upper-wings with a ſmall brown dot in the middle.
One *ſex* has the hind-legs covered with thick yellow hair.

Flava. Wings yellow with waved ferruginous ſtreaks.
Inhabits *Eaſt India*; ſmall.
Lower-wings paler immaculate.

Stigmatizans. Wings angular yellow with 3 darker ſtreaks and a ſnowy dot.
Inhabits *India*; ſmall.
Antennæ cinereous: *head* and *thorax* yellow: *lower-wings* cinereous. Beneath all duſky with a brown waved ſtreak.

Dorſalis. Wings green with a large common brown ſpot.
Inhabits *Tranquebar*; ſmall.
Head and *thorax* greeniſh: the ſpot nearly forming a band.

Cinerea. Wings cinereous with a ſtreak of black dots behind.
Inhabits *Sweden*; ſmall.
Antennae duſky, whitiſh at the baſe: *lower-wings* browniſh with a whitiſh baſe.

Rejecta. Wings white with a greeniſh ſpot behind.
Inhabits *Eaſt India*; ſmall.
Lower-wings immaculate.

Fortificata. Wings grey ſpotted with brown; lower-ones yellow with a brown ſtreak and hind-margin.
Inhabits *Germany*; ſmall.
All the *wings* beneath yellowiſh.

Elata. Upper-wings clouded with brown with a cinereous patch and ſpot, lower-ones white.
Inhabits *Eaſt India.*

Thorax

Thorax cinereous, the fore-part brown: *upper-wings* with a pale blueiſh band behind, the hind-margin with cinereous ſtreaks: *lower-wings* immaculate.

Lanceolata. Wings lanceolate cinereous, the upper-pair ſpeckled with brown.
Inhabits *Germany*; ſmall.
Antennae as long as the body, black tipt with white: *body* grey: all the *wings* lanceolate, *lower-ones* immaculate.

e. *Wings deflected*; *thorax creſted.*

* *Fulvago.* Upper-wings yellow with ferruginous ſtreaks, the hind-one compoſed of dots; lower-wings white.
Inhabits *Europe*. *Clerk. Icon. tab.* 6. *fig.* 15.
Larva naked pale with a cheſnut-brown head.

Croceago. Wings ferruginous with brown ſtreaks, the rib dotted with white.
Inhabits *Germany*. *Hybn. Beytr. tab.* 1. *fig.* F.
Head and *thorax* ferruginous: *lower-wings* whitiſh with a red dot and 2 waved ſtreaks.
Larva yellowiſh with a brown dorſal line and ſhort oblique lateral orange ones.

Aibago. Wings yellow with a blueiſh ocellar dot in the middle between brown waved ſtreaks.
Inhabits *Tranquebar*.
Antennae browniſh: *head* and *thorax* yellowiſh: the blueiſh ſpot on the *upper-wings* with a brown iris, the margin a little browniſh: *lower-wings* brown with a whitiſh margin.

Aurago. Wings browniſh with a yellow patch at the baſe and broad band in the middle.
Inhabits *Auſtria*. *Hybn. Beytr.* 1. *tab.* 2. *fig.* L.
Lower-wings cinereous.
Larva naked grey with oblique brown lines.

Sulphurago. Wings yellow with numerous brown dots and ſtreaks.
Inhabits *Auſtria*. *Wien. Verz.* 86, 8.
Upper-wings with 2 brown rings behind the firſt ſtreak, the margin dotted with brown.
Larva naked whitiſh with a yellow head.

Cerago. Wings yellow ſubfaſciate with brown; lower-ones white.
Inhabits *Germany*. *Wien Verz.* 86, 9.
Thorax yellow with a raiſed pointed creſt in one ſex.

Rutilaga. Wings yellow with ferruginous ſtreaks and a brown band at the baſe and tip.
Inhabits *Europe*, on the Poplar. *Wien. Verz.* 86. 4.
Body brown: *abdomen* whitiſh.

**Citrago.* Wings yellow with 3 oblique ferruginous ſtreaks.
Inhabits *Europe*. *Albin. tab.* 33. *Wilks.* 5. *t* 1. *a.* 8.
Larva naked brown with yellow ſides: *pupa* folliculate cheſnut-brown.

Luteago. Wings yellow with 2 indented brown ſtreaks.
Inhabits *Southern Ruſſia*.
Antennae ferruginous with a white ſhaft: *lower-wings* whitiſh.

Ferrago. Wings ferruginous with a brown ſpot in the middle in which is a white lunule.
Inhabits *Kiel*.
Upper-wings with a ſtreak of obſolete black dots behind the brown ſpot: *lower wings* brown. Beneath all ſilvery.

Flavago Wings deep yellow with a broad brown band and dots.
Inhabits *Kiel*.
Thorax brown before, yellow and creſted behind: *upper-wings* with a broad ſinuate brown band behind the middle in which are 3 coſtal yellow dots, and behind this a ſtreak of ſmall brown dots: *lower-wings* cinereous.

Gilvago. Wings pale yellow with a brown dot in the middle and ſtreak of black dots behind.
Inhabits *Germany*. *Lower-wings* white.

**Chryſitis.* Wings yellowiſh-brown with 2 green-gold bands and a yellowiſh marginal one.
Inhabits *Europe*. *Donovan.* iv. *tab.* 137.
Albin. tab. 71. *fig.* a, b, c, d. *Merian. Europe.* 1. *tab.* 59.
Antennæ yellow: *lower-wings* blackiſh-grey.
Larva ſolitary green with a white lateral line: *pupa* folliculate brown.

Concha. Wings purpliſh with 2 gold ſpots in the middle and 4 at the tip.
Inhabits *Auſtria*. *Knoch. Beytr.* 1. *tab.* 1. *fig*, 2.
Antennae pale: *head* and fore-part of the *thorax* ferruginous: *Lower-wings* pale.

Orichalcea. Wings brown with a large lunate green-gold ſpot.
Inhabits *India*. *Lower-wings* immaculate,

Lanina.

Lamina. Wings cinereous with a black marginal ſpot edged with gold each ſide, and a gold ſpot.
Inhabits *Auſtria. Wien. Verz.* 314. 8.
Head and *thorax* grey: *abdomen* with tufts of black hairs at the baſe: *upper-wings* with a gold ſpot near the tip in which is a black dot.

Bractea. Wings variegated, with a large ſhining gold ſpot in the middle.
Inhabits *Southern Europe. Wien. Verz* 314. 7.
Head and *thorax* dull ferruginous: *upper-wings* varied with cinereous brown and ferruginous. *lower-wings* cinereous.

**Feſtucae* Upper-wings varied with yellow and brown with 3 ſilvery-gilt ſpots; lower-ones pale brown.
Inhabits *Europe. Donov.* ii. *tab.* 25. *Albin. t.* 84. G, H.
Larva naked green, and conſtructs its web by making a deep inciſion across leaf of the Scirpus laeuſtris or Bull-ruſh, which becoming dependent, it joins the broken parts together and weaves its web between them.

Circumflexa Upper-wings browniſh with a flexuous ſilvery character.
Inhabits *Europe. Eſp. phal.* 4. *tab.* 32. *fig.* 56.
Larva nearly naked green with a darker latrral line: *pupa* half black half white.

Artemiſiae Upper-wings green with ſcattered ſilvery ſpots.
Inhabits *Germany. Knock. Beytr.* 1. *tab.* 3. *fig.* 1. 2.
Head and *thorax* green varied with ſilvery: *abdomen* whitiſh: *lower-wings* white with a darker hind-margin.
Larva hairy green ſpotted with white with a dorſal and lateral line compoſed of red warts: *pupa* greeniſh.

Gamma. Wings indented; upper-pair brown with a gold y in the middle.
Inhabits *Europe. Donov.* viii. *tab.* 265. *f.* 2. *Albin. t.* 79. G, H.
Merian. Eur. tab. 82. *fig.* 78. *Wilks. pap. tab.* 2. *a.* 1.
Upper-wings with a few irregular gold lines: *lower-ones* with an oblique pale band and dotted margin.
Larva 12-footed green with white dorſal ſtripes and a lateral yellow one, head brown: *pupa* folliculate chefnut-brown.

Moneta. Wings gold with brown waved ſtreaks and a double ſilvery ring.
Inhabits Mountains of *Auſtria.*
Thorax grey dotted with black; the ſilvery rings with a ſquare brown mark.

Æmula

Æmula. Wings indented, varied with cinereous and black with a double silvery line in the middle.
Inhabits *Austria.*
Lower-wings cinereous at the base and tipt with brown.

Divergens. Wings entire, upper-pair grey, the middle brown with a white mark; lower-ones fulvous edged with brown.
Inhabits *Austria. Panz. Fn. Germ.* 6. *tab.* 20.

Argentina. Wings grey with a broad abbreviated silvery fillet.
Inhabits *Southern Russia.*
Body small hairy white: *lower-wings* snowy.

Interrogationis. Upper-wings brown varied with cinereous and marked with a white ?
Inhabits *Europe. Clerk. Ic. tab.* 6. *fig.* 7.

Signata. Wings dusky dotted with black at the base and marked in the middle with gold ?
Inhabits *India.*
Tip of the *wings* erect: *abdomen* with 2 erect tufts.

Quaestionis. Wings varied with gold and cinereous and marked in the middle with a siver ?.
Inhabits *India* and the *Pacific Islands.*
Body cinereous; tail bearded: *upper-wings* cinereous at the base and tip.

Pepenis. Wings grey with a chesnut gold spot at the tip and another at the thinner margin.
Inhabits *East India.* on the Pepo.
Spots on the *wings* chesnut-brown reflecting a gold splendor in a certain direction of light.

**Iota.* Upper-wings reddish-grey with a large brown spot in the middle in which is an inverted gold i.
Inhabits *Europe. Donovan's Eng. Inf.* viii. *tab.* 256. *fig.* 1.
Larva 12 footed naked green spotted with white.

Verrucca. Wings varied with gold and brown with a silvery dot in the middle.
Inhabits *South American Islands.*
Head cinereous, the hind-margin fulvous: *wings* brownish at the base, gold in the middle, then brown, afterwards gold, with a brown fringed margin. Beneath cinereous with a brown streak.

Lunata.

Lunata. Wings varied with brown and cinereous with a cinereous curve in the middle edged with yellow.

Inhabits the *Cape of good hope.*

Thorax very much crested: *lower-wings* cinereous at the base and tipt with brown.

Emarginata Wings variegated with brown flesh-colour and gold; the thinner edge emarginate: head and fore-part of the thorax orange.

Inhabits *Tranquebar.*

Antennæ pectinate, setaceous at the tip: *thorax* cinereous behind: *abdomen* whitish: *upper-wings* with a whitish streak behind: *lower-ones* cinereous Beneath, upper-pair dusky, lower-ones whitish.

Pauperata. Wings brown varied with cinereous; lower-ones white hyaline

Inhabits *China.*

Thorax brown with cinereous streaks: *upper-wings* with a few short black streaks near the tip; *lower-ones* with a brown streak at the margin.

**Meticulosa* Wings indented pale: upper-pair flesh-colour at the base with a brown triangle.

Inhabits *Europe.* *Donovan*, iv. *tab.* 139. *Albin. tab*, 13. *Merian. Eur. tab.* 24. *Wilks. pap.* 3. *tab.* 1, *a.* 3.

Lower-wings reddish-grey with a brown streak in the middle.

Larva naked green with an interrupted yellow dorsal line and lateral ones: *pupa* follicular blackish chocolate-colour.

Ciliata. Wings indented green with a cinereous hind-margin.

Inhabits *Cayenne.*

Antennæ pectinate, setaceous at the tip: *thorax* cinereous, a little reddish on the fore-part: *body* cinereous: *lower-wings* brown, the outer margin fringed with tufted hairs; the hind-margin indented and grey. Beneath all brownish: *fore-shanks* bearded.

Consona. Wings entire greenish with doubled white streaks the first inflected, the tip with 2 fulvous spots.

Inhabits *Austria*: resembles the next.

Illustris. Wings entire, glossy-green and cinereous with 3 distinct ferruginous spots.

Inhabits *Germany.* *Panz. Fn. Germ.* 2. *tab.* 17.

Thorax a little ferruginous before; *upper-wings* varied with cinereous green and flesh-colour with 3 ferruginous spots near the hind-margin inclosed in 2 pale streaks: *lower-wings* cinereous.

Lacera.

Lacera. Wings varied with brown and ferruginous and emarginate at the thinner edge; front fulvous.
Inhabits *China.*
Upper-wings with a yellow ſpot at the angle of the tail in which is a black lunule: *lower-ones* and all beneath cinereous.

Oo. Wings buff-colour with darker ſtreaks and ſpots and marked in the middle with a double o.
Inhabits *Europe. Donovan.* v. *tab.* 179. *Wilks tab.* 1 *a.* 22.
Larva red with white lines and dots: *pupa* reddiſh-brown dotted with white.

Flammea. Wings varied with ferruginous and yellow with confluent ſpots.
Inhabits *Auſtria.*
Upper-wings with whitiſh ſtreaks at the tip, the ſpots ſurrounded with whitiſh within: *lower-wings* brown, beneath reddiſh with a brown dot and ſtreak.

**Gothica.* Upper-wings browniſh with a black curve and dot in the middle.
Inhabits *Europe. Clerk. Icon. tab* 1. *fig.* 1.
The black curve is turned upwards.

**Deraſa.* Upper-wings varied with rufous brown and white with 2 black ocellar dots in the middle.
Inhabits *Europe. Donovan.* vii. *tab.* 223. *fig.* 1.
Abdomen and *lower-wings* brown.

Renata. Wings browniſh with a double cinereous o and ſtreak behind.
Inhabits *Denmark*, on the Nut-tree.
Larva glabrous green with a yellow dorſal and lateral line, the hind-ſegments with an oblique yellow ſtreak: *pupa* naked ſubterraneous.

Serici. Wings white with 3 black ſtreaks; lower-ones yellow with a black ſtreak and dots.
Act. Holm. 1781. 243. *tab.* 5. *fig.* 12.
Inhabits *Japan*, where it is reared for the ſake of its ſilk.
Body white with a red collar.

Or. Wings cinereous with brown waves and a grey ſpot in the middle; lower-ones duſky.
Inhabits *Auſtria*, on the Poplar. *Wien. Verz.* 87. 5.
Larva greeniſh with a cheſnut-brown head.

Diluta. Wings cinereous with 2 obſolete ferruginous bands and a white dot in the middle.

Inhabits

Inhabits *Auſtria*. *Wien. Verz.* 87. 6.
Wings beneath cinereous with a brown ſtreak.
Larva pale with a brown dorſal line and black head.

Ruficollis Wings dull cinereous with 2 darker bands; fore-part of the thorax ferruginous.
Inhabits *Auſtria*. *Eſp. phal.* 4. *tab.* 40. *fig.* 4.
Abdomen and *lower-wings* cinereous.
Larva naked, the back lead-colour, the ſides white dotted with black.

**Satellitia.* Wings indented reddiſh-brown with a yellow ſpot in the middle between 2 ſmaller white ones.
Inhabits *Europe*. *Donovan.* v. *tab.* 168. *Roes.* 3. *tab.* 50.
Larva black with ſhort white lines on the ſides, collar and tail with yellow lines: preys upon other larvæ: *pupa* reddiſh-brown obtuſely 3-toothed behind.

**Diffinis.* Wings ferruginous with 3 white ſpots at the rib and 2 black dots behind.
Inhabits *Europe*. *Harris. Ins. tab.* 5. *fig.* 8.
Larva green with white lines, head and fore-legs black.

*Affinis. Wings ferruginous with a double black dot at the inner-angle; lower-ones black.
Inhabits *Europe*. *Hybn. Beytr.* 4. *tab.* 4. *fig.* 8.
Larva nearly naked greeniſh-white with lighter or darker lines and black raiſed hairy dots, the ſtigmata marked with a black curve above, ſometimes pale green ſpeckled with white and black.

Triptera Wings with 2 longitudinal rounded ſulphur ſpots and numerous ſpecks.
Inhabits *Europe*. *Lower-wings* white.

**Margina-ta.* Wings yellowiſh with ferruginous ſtreaks and hind-margin; lower-ones with a black central dot and marginal band.
Inhabits *Europe*. *Donovan.* v. *tab.* 150. *fig.* 1.
Upper-wings with 2 ferruginous circles in the middle.

**Abſinthii.* Wings hoary with black bands, and dots diſpoſed in a quadrangle.
Inhabits *Europe*. *Clerk. Icon. tab* 8. *fig.* 19.
Larva green with yellow and rufous ſpots and lines: *pupa* folliculate reddiſh-brown, green before.

Abrotani. Wings brown-cinereous with black waved ſtreaks and 4 white dots at the rib.
Inhabits *Auſtria*. *Wien. Verz.* 73. 2. *Roes.* 3. *t.* 51. larva.
Antennae ferruginous: *thorax* cinereous, the fore margin whitiſh with a thin black ſtreak: *lower-wings* cinereous.
Larva green with ferruginous ſpots and conie tubercles on the back.

Occulta. Wings clouded, the tip cinereous with 3 black ſpots.
Inhabits *Sweden*; large.
Thorax with a black lateral line and abbreviated ſtreak before: *upper-wings* with a white waved ſtreak behind and another near the larger black dot: *lower-wings* brown with a whitiſh margin.

Patibulum. Wings cinereous with a ſmall black dot and common dorſal ſpot united to an obſcure ſtreak.
Inhabits *Eaſt India*.
Thorax cinereous with a large raiſed creſt and black ſtreak before: all the *wings* beneath yellowiſh with a black band and dots: *abdomen* pale with lateral black dots.

Albipes. Wings glaucous with brown waves; legs ſnowy.
Inhabits *East India*.
Head and *thorax* glaucous: *abdomen* beneath ſnowy: *lower-wings* and all beneath cinereous.

**Alni.* Wings ſooty with 2 grey patches, the firſt with a black marginal dot.
Inhabits *Europe*. *Degeer. Inſ.* 1. *tab.* 11. *fig.* 25—28.
Larva black with yellow dorſal ſpots and erect hairs: *pupa* folliculate reddiſh-brown.

**Delphinii.* Wings purpliſh with 2 whitiſh bands; lower-ones duſky.
Inhabits *Europe*. *Donovan.* iv. *p.* 52. *Merian. Eur.* 1. *t.* 40, *Panz. Fn. Germ.* 7. *tab.* 17. *Wilks. pap.* 3. *t.* 1. *a.* 4.
Larva ſmooth naked yellowiſh with black dots and 2 paler lines: *pupa* reddiſh-brown.

Purpurina. Wings purpliſh with a yellow baſe.
Inhabits *Auſtria*. *Hybn. Beytr.* 2. *tab.* 1. G.
Lower-wings brown.

Pteridis. Wings brown with white ſpots and 2 purple bands.
Inhabits *Germany*. *Eſp. phal.* 4. *tab.* 125. *fig.* 7.
Lower-wings blackiſh, beneath whitiſh with a brown lunule in the middle and ſtreak.

Pilla-

Picta. Wings purple with white ſtreaks and dots, ſome of them edged with black.
Inhabits *Germany.*
Abdomen purple, the laſt ſegment but one yellow: *upper-wings* with a kidney-ſhaped ſpot behind the middle with a purple lunule and behind this 2 white ſtreaks, the 2 hind-ones dotted with black: *lower-wings* brown. Beneath cinereous mixed with purple.

Geographica. Wings browniſh with a whitiſh ſpot at the baſe and 2 ſnowy ſtreaks meeting behind, the hind-margin ſtreaked with white.
Inhabits *Auſtria*; ſmall.
Thorax cinereous with 2 white dots.

Hyperici. Wings varied with cinereous and brown and ſubſtriate with black, with a whitiſh oblong ſpot at the baſe.
Inhabits *Auſtria*, on the Hypericum. *Wien. Verz.* 76. 10.
Antennæ black: *thorax* pale with 2 abbreviated black ſtreaks: *abdomen* brown: *lower-wings* ſhining-brown: *legs* annulate with white.
Larva violet with 3 interrupted white dorſal lines.

**Perſpicillaris.* Wings with brown ſtreaks twice 2-toothed behind with a ſingle kidney-ſhaped common ſpot.
Inhabits *Europe. Clerk. Icon. tab.* 2. *fig.* 3.
Lower-margin of the *wings* a little purpliſh.
Larva ſubpubeſcent rough, green with a white dorſal line and thinner-ones on the ſides, and white ſcattered dots.

Linariae. Wings brown-aſh, the tip ſtreaked with white and black with ſnowy ſubocellar ſpots in the middle.
Inhabits *Auſtria. Wien. Verz.* 73. 6.
Thorax grey, the fore-margin white with a ſmall black ſtreak: ſnowy ſpots on the *wings* ſurrounded with a ſmall black ring; *lower-ones* whitiſh with a brown margin.
Larva with a yellow dorſal line, the ſides with white and black ſtreaks, head cinereous dotted with black.

**Piſi.* Wings purpliſh with 2 darker ſpots and a yellowiſh waved ſtreak at the tip.
Inhabits *Europe. Donovan.* ii. *tab.* 51. *Merian. Eur. tab.* 50.
Head and *thorax* purpliſh: *abdomen* and *lower-wings* pale brown.
Larva ferruginous naked with 4 yellow lines, head fleſh colour.

Mendica. Wings pale fleſh-colour with a brown ſpot in the middle in which are yellow dots.
Inhabits *Germany*.
Thorax brown with a whitiſh fore-margin: *upper-wings* with numerous waved brown ſtreaks, beneath yellowiſh with a brown ſtreak.

**Oxyacanthæ.* Wings dark brown with 2 fleſh-colour ſpots and tip, the inner-margin greeniſh with a white lunule.
Inhabits *Europe*. *Donovan.* v *tab.* 165. *Albin. tab.* 14.
Lower-wings and *body* pale brown.
Larva naked varied with yellowiſh and black, tail gibbous: *pupa* folliculate yellowiſh.

Brunnea. Wings brown with a tranſverſe yellow ſpot in the middle, the margin cheſnut-brown.
Inhabits *Auſtria*. *Wien. Verz.* 83. 15.
Upper-wings with a few yellow ſpots: *lower-wings* brown with a reddiſh-brown margin.
Larva naked cheſnut-brown with white ſpots and a blueiſh lateral line, head black with 2 white lines.

**Chryſoceras.* Upper-wings olive green with ſulphur ſtreaks and hind-margin; lower-ones browniſh with a ſulphur margin.
Inhabits *England*. *Linn. Tranſ.* ii. *p.* 3. *tab.* 1. *fig.* 1—3.
Thorax with a white tranſverſe line before; *upper-wings* ſulphur with olive clouds.
Larva pale yellow with a reddiſh-brown head: *pupa* naked chocholate brown and pointed at the tip.

**Gemina.* Upper-wings browniſh-grey with 2 ſtreaked darker bands and 2 intermediate ſnowy ſpots.
Inhabits *England*. *Linn. Tranſ.* ii. *p.* 4. *tab.* 1. *fig.* 4—6.
Upper-wings with a broad band in the middle compoſed of 4 dark ſtreaks in the middle of which are 2 ſnowy ſtreaks, and near the tip another band compoſed of about 3 waved ſtreaks, in the tip of the fore-margin is an oblique black line: *lower-wings* paler.
Larva yellowiſh with a dark dorſal line and reddiſh-brown head: *pupa* chocholate brown, pointed at the tip.

**Pulla.* Upper-wings brown ferruginous ſlightly clouded, with a white undulate ſtreak.
Inhabits *England*. *Linn. Tranſ.* ii. *p.* 5. *tab.* 1. *fig.* 7—9.
Upper-wings with 2 ſpots near the thicker margin: *lower-wings* cinereous: *tail* bearded.

Larva

Larva brown with yellow lateral lines and reddiſh-brown head: *pupa* chocolate brown.

*Chryſoglofta. Upper-wings ſubfalcate grey with 3 ſtreaks, the 2 firſt of which are abbreviated.
Inhabits *England*. *Linn. Tranſ.* ii. *p.* 6. *tab.* 1. *fig.* 10. 11.
Upper-wings browniſh or whitiſh ſpeckled with brown, at the baſe are 2 whitiſh ſtreaks the firſt abbreviated, then 2 brown ſpots ſurrounded with a whitiſh line, near the outer margin a whitiſh ſtreak and a white line at the edge: the outer margin of all deeper colour: *lower-wings* browniſh.

*Culta. Wings waved browniſh with 2 white ſpots, the anterior one double: margins of the thorax white.
Inhabits *Auſtria*. *Hybn. Beytr.* 2. *tab.* 3. *fig.* R.
Antennæ ferruginous: *head* ſnowy with a black ſtreak and dots: *upper-wings* a little waved with white and black, the hind-margin varied with white and brown: *lower-wings* white with a blackiſh patch at the angle of the tail.

*Compta. Wings brown with black waves and a broad white band in the middle.
Inhabits *Auſtria*. *Wien. Verz.* 70. 5.
Head and *thorax* varied with white and brown: *lower-wings* brown, paler at the baſe: *tarſi* black annulate with white.

*Praſina. Wings varied with brown and green with 3 white patches: thorax with a double creſt.
Inhabits *Auſtria*. *Wien. Verz.* 82. 11.
Lower wings brown with a white fringe, beneath with a black dot and waved ſtreak.
Larva pale violet, the back ſpotted with black, ſtigmata white and head brown.

*Atriplicis Upper-wings brown with blue and yellow ſtreaks, in the middle a white mark and bifid yellow one.
Inhabits *Europe*. *Donovan's Eng. Inſ* viii. *tab.* 362. *f.* 1.
Wilks pap. 3. *tab.* 1 a. 2. *Roes.* 1, *phal* 2. *tab.* 31.
Larva naked roſy with white dots and a brown dorſal line: *pupa* reddiſh-brown.

*Commelinæ. Upper-wings clouded with brown with a yellowiſh diffracted mark and ſpot at the tip: lower-wings whitiſh.
Inhabits *America*. *Smith's Lepidopt Inſ. of Georgia*.

*Phytolaccæ Upper-wings ſtriate with brown with a duſky dot; the hind-margin ſpotted with black, the fore-margin dotted.
Inhabits *America*. *Smith's Lepidopt. Inſ. of Georgia*.

Frugiperda.

Frugiperda. Upper-wings clouded with brown with 2 ocellar brown dots and an intermediate mark, the tip with a white ſpot.
Inhabits *America, Smith's Lepidopt. Inſ. of Georgia.*

Chionanthi. Upper-wings cinereous with a white o and black ſtreaks and marks; lower-ones whitiſh, browniſh on the outer-part.
Inhabits *America, Smith's Lepidopt. Inſ. of Georgia.*

Gauræ. Wings white; upper-pair with a red ſtreak; all with a red margin: thorax yellowiſh.
Inhabits *America. Smith's Lepidopt. Inſ. of Georgia.*

Rhexia. Upper-wings green with tranſverſe yellow ſtreaks and intermediate ſpots; lower-ones white with a brown margin.
Inhabits *America. Smith's Lepidopt. Inſ. of Georgia.*

Dolichos. Wings indented brown with a white patch in the middle: abdomen beneath cinereous and dotted each ſide with black.
Inhabits *South America,* on the Dolichos and Carica.
Head and *thorax* varied with cinereous and brown: *lower-wings* white with a black marginal ſtreak.
Larva glabrous purpliſh-brown with 2 dorſal lines of black ſpots, the outer margin whitiſh: *pupa* brown.

Sinuata. Wings cinereous at the baſe with a large black ſinuate ſpot.
Inhabits *India*; ſmall.
Thorax ferruginous before and cinereous behind: *upper-wings* paler at the margin with a ſtreak of black dots: *lower-wings* duſky. Beneath all cinereous with a brown waved ſtreak.

Hiſtrionica. Upper-wings variegated; lower-ones white with a black marginal ſtreak.
Inhabits *India.*
Upper wings varied with brown and cinereous and ſtriate behind.

Goſſypii. Upper-wings varied with brown and cinereous; lower-ones hyaline immaculate.
Inhabits *South America.*
Thorax varied with cinereous and brown: *upper-wings* with an oblong brown ſpot at the rib near the tip, the rib dotted with white.

Larva

Larva gregarious glabrous grey-brown with a broad brown dorsal fillet surrounded by a yellow line which is intersected by white spots; is very destructive to the leaves and stems of the *Gossypium* and eagerly devoured by the *Meleagris Gallopavo*.

Brassicaria Wings indented variegated with a common gold-testaceous spot; lower-ones white.
Inhabits *South America*, on the Brassica oleracea.
Pupa black, the edges of the segments red.

Setosa. Wings brown with a testaceous and a white spot: fore-joints with a tuft of white hairs.
Inhabits *South American Islands*.
♂ *Body* cinereous, beneath white: *tarsi* black annulate with white.

**Præcox.* Wings cinereous with 2 subocellar spots; lower-ones reddish-brown with an abbreviated rufous band.
Inhabits *Europe*. *Donovan's Eng. Inf.* vi. *tab.* 213.
2. Wings entirely greenish. *Wien. Verz.* 71, 2.
Larva green and yellowish with blackish lines: *pupa* reddish-brown.

**Pyramidea* Wings brown with 3 flexuous waved yellowish streaks; lower-ones ferruginous.
Inhabits *Europe*. *Mer. Eur.* 2. *tab.* 9. *Ammir. tab.* 11.
Larva naked green with a dorsal and lateral white lines, gibbous behind: *pupa* reddish-brown.

Lucipeta. Wings dull cinereous with yellowish waved streaks and spots.
Inhabits *Austria*. *Wien. Verz.* 71, 3. large.

Prophila. Wings cinereous with brown lunules and spots; lower-ones shining-brown.
Inhabits *Austria*. *Wien. Verz.* 71, 4.
Body cinereous: *thorax* with a brown interrupted streak: hind-margin of the *upper-wings* dotted with black: *lower-wings* above immaculate, beneath paler with a brown lunule and streak.

Typica. Wings brown with margined stigmata and pale reticulate streaks.
Inhabits *Europe*. *Roes.* 1. *phal.* 2. *tab.* 5, 6.
Larva naked grey, the sides white with a black line: *pupa* folliculate reddish-brown.

* *Lucipara.*

* *Lucipara.* Wings cinereous with dark angular marks and a broad brown band in the middle.
Inhabits *Europe. Donovan.* vii *tab* 230: *fig.* 2.
Wings beneath reddiſh-grey with a black dot and ſtreak.

* *Oleracea.* Upper-wings ferruginous with a yellowiſh lunule and white ſtreak, 2-toothed behind
Inhabits *Europe. Albin. tab* 27. *Anmir Inſ tab.* 7.
Upper-wings with a few yellowiſh ſpots and a ſtreak of black dots behind: *lower-ones* cinereous.
Larva naked livid with black dots a brown dorſal line and lateral white one: *pupa* naked blackiſh.

**Xantographa.* Wings black; lower-ones ſnowy at the baſe.
Inhabits *Europe. Clerk. Icon. tab.* 1. *fig.* 2.

Leucomelas. Wings ſlightly indented grey-brown, cinereous at the tip with a fulvous ſpot at the angle of the tail.
Inhabits *Auſtria. Wien. Verz.* 84, 4
Upper wings with a black line at the baſe, in the middle a few ſpots, the hinder-one kidney-ſhaped with an obſolete white lunule, the tip with black marginal dots.
Larva bluciſh with white lines and dots, head reddiſh-brown.

Convergens. Wings indented dark brown with black waves, the tip grey; lower-ones with a white baſe and 2 marginal ſpots.
Inhabits *Auſtria. Wien. Verz.* 89, 5.
Body black: *upper-wings* with a grey ſtreak at the tip which forms a ſpot at the angle of the tail. Beneath all black, baſe of the lower-ones white with a black dot.

Rivularis. Wiugs brown with a grey band biſid at the tip and edged with yellow.
Inhabits *Europe*, on the Cucubalus. *Wien. Verz.* 84, 6.
Larva naked glabrous varied with greeniſh and cinereous and marked with darker dots.

Serena. Wings whitiſh with a broad brown band ſpotted with yellow each ſide.
Inhabits *Auſtria. Wien. Verz.* 84, 4.
Body whitiſh ſpeckled with brown: *upper-wings* white at the baſe with a few black dots, the tip white with black and brown ſtreaks, the rib dotted with white and black.

* *Pinaſtri.* Wings black, the thinner margin and angle of the tail dull cinereous.
Inhabits *Europe. Clerk. Icon. tab.* 1. *fig.* 8.

Head

Head black: *antennae* brown: *thorax* black with a longitudinal compreſſed cinereous creſt: *upper-wings* with a few obſolete ſpots.

Liguſtri. Wings varied with brown and greeniſh and ſlightly waved with black with a large whitiſh ſpot behind.
Inhabits *Auſtria*. *Wien Verz.* 70, 1.
Thorax varied with white and black: *upper-wings* with a few ſpots in the middle annulate with white, the margin varied with white and dotted with black.
Larva hairy green with yellow lines.

Strigilis. Wings clouded with ſetaceous denticles within a white terminal band.
Inhabits *Sweden*. *Clerk, Icon. tab.* 9. *fig.* 6.
Wings with a white patch at the baſe.

* *Aprilina.* Upper-wings greeniſh with black ſpots and triangular dots each ſide behind.
Inhabits *Europe*. *Roeſ Inſ.* 3. *tab.* 39. *fig.* 4.
Thorax with 2 black curves: margin of the *wings* with triangular dots in a double row.
Larva ſolitary glabrous cinereous with ſquare brown ſpots: *pupa* reddiſh brown.

Runica. Wings green with a black ſpot and band, the tip with a ſingle row of black triangular dots.
Inhabits *Austria*. *Wien. Verz.* 70, 6.
Thorax black before and greeniſh behind.
Larva hairy above browniſh with ferruginous bands and white ſpots.

Virens. Upper-wings green with a white lunule in the middle; lower-ones white immaculate.
Inhabits *Auſtria*. *Wien. Verz* 85. 8.
Margin of the *upper-wings* whitiſh.

Seladonia. Wings varied with green and cinereous with black waved ſtreaks and triangular dots behind.
Inhabits *Sweden*. *Degeer Inſ.* 2. *tab.* 6. *fig.* 24.
Head greeniſh: *thorax* greeniſh with 3 white ſpots: *upper-wings* with a few cinereous ſpots.

* *Ludifica.* Upper-wings and abdomen yellow, the latter with 3 rows of black dots.
On the Willow. *Sepp. Inſ.* 4. *tab.* 9, *Thorax* ſpotted.

Larva tuberculate hairy with blue and yellow lines, neck and tail ſpotted with white: *pupa* folliculate black with red angles.

Perla. Wings cinereous with black waves and 2 brown ſpots.
Inhabits *Auſtria*. *Wien. Verz.* 70, 3.
Lower-wings whitiſh with a brown central dot.

Fulminans. Wings compreſſed pale with black and white denticles behind.
Inhabits *Germany*, ſmall: *legs* long white.

* *Lichenes.* Upper-wings green with various black marks: lower-ones and all beneath brown.
Inhabits *Europe*. *Donovan.* vii. *tab.* 223. *fig.* 3.

Algæ. Upper-wings brown with 2 green bands.
Inhabits *Germany*, on the Lichen ſaxatilis.
Lower-wings cinereous with a black central dot beneath.

Tridens. Wings cinereous with tifid black ſpots; lower-ones whitiſh.
Inhabits *Auſtria*. *Wien. Verz.* 67, 1.
Larva black with a ſulphur line on the back, the ſides dotted with red, a projecting conic tubercle on the back.

* *Pſi.* Upper-wings grey with a black line at the baſe and various marks reſembling the greek pſi: legs immaculate.
Inhabits *Europe*. *Donovan.* iv. *tab* 133. *Albin. tab.* 86.
Merian Eur. 3. *tab.* 42. *Ammir. tab.* 13.
Larva hairy with a pale dorſal line, the ſides black ſpotted with red, thorax with an erect black tubercle: *pupa* folliculate, chocolate-brown.

Hauſtulifera. Wings grey; upper-pair immaculate at the baſe the diſk marked with an o? the hind-margin with a black greek pſi.
Inhabits *America*. *Smith's Lepidopt. Inſ. of Georgia.*

Auricoma. Wings grey-brown; upper-pair with black ſtreaks and characters: legs annulate with white at the tip.
Inhabits *Austria*. *Wien. Verz.* 67, 6.
Larva hairy black with fulvous excreſcencies, the hairs on the head and tail white, and gold on the back.

Lamda. Wings grey-brown with a black line at the baſe and 2 in the middle.
Inhabits *Germany*.
Upper-wings with 2 obſolete darker bands.

* *Comma.*

* *Comma.* Wings indented cinereous with a black line at the base and an adjacent thinner white one.
Inhabits *Europe*. *Wien. Verz.* 76, 9.
Lower-wings above whitish edged with brown.

Linea. Wings pale grey with a black line at the base: thorax with a black streak.
Inhabits *South American Islands*. *Lower-wings* white hyaline.

Fusca. Wings glossy cinereous with a white dot in the middle and streak of black dots behind.
Inhabits *Kiel*. *Body* cinereous.
Lower-wings and all beneath cinereous.

* *Cbi.* Wings grey; upper-pair marked with a black X.
Inhabits *Europe*. *Alvin Inf. tab.* 83. C, D.
Larva naked green with 2 whitish lateral lines: *pupa* folliculate brown

* *Aceris.* Wings grey with black waves: abdomen pale ferruginous at the base beneath.
Inhabits *Europe*. *Wilks pap.* 32. *tab.* 2. c. 6.
Larva spotted with white and black on the back, with red and yellow tufts of hairs.

Arnicæ. Wings brown waved with white, 2 white dots in the middle and a kidney-shaped spot.
Inhabits *Sweden*, on the Arnica.
Body cinereous with a bearded reddish tail: *upper-wings* with a black line at the base, behind black with 2 or 3 whitish waved streaks: *lower-wings* and all beneath dull grey.

Euphorbiæ. Wings cinereous with brown waves and whitish spots, the first round, the others kidney-shaped.
Inhabits *Austria*. *Wien Verz.* 67, 4.
Margin of the *upper-wings* dotted with brown.
Larva hairy greenish with black dorsal spots, and ferruginous collar and lunule.

Megacephala. Wings cinereous with black waves and a single round whitish spot.
Inhabits *Austria*. *Wien Verz.* 67, 5.
Antennæ black: *abdomen* whitish: *lower-wings* white with a brown central dot beneath.

* *Litura.* Wings grey with a black patch in the middle, in which is a white dot.
Inhabits *Europe*. *Wien. Verz.* 77, 2.
Thorax cinereous varied with brown: *upper-wings* with a black dot at the base and a few black dots behind.
Larva naked green with a pale dorsal line and a lateral one varied with white and yellow, head pale.

Depuncta. Wings greyiſh with black dots at the baſe and a ſtreak of them behind
Inhabits Woods of *Sweden.*

Piſtacina. Wings cinereous with darker waves at the tip; lower-ones brown.
Inhabits *Auſtria. Wien. Verz.* 77, 1.
Upper-wings with black dots at the baſe and a ſtreak of them behind.

Baja. Wings ferruginous with a ſmall black dot at the baſe and a double one at the tip.
Inhabits *Auſtria Wien. Verz.* 77, 3.
Thorax ferruginous: *abdomen* cinereous: *lower-wings* brown with ferruginous fringe.
Larva varied with cinereous and brown with 3 white dorſal lines and a lateral yellowiſh one.

Rubricoſa. Wings browniſh, the rib white ſpotted with brown, the tip brown with white dots.
Inhabits *Auſtria. Wien. Verz.* 77, 4.
Head and *thorax* yellowiſh: *upper-wings* reddiſh at the baſe of the thinner margin.
Larva grey with a pale dorſal line, each ſegment with 2 white dots.

Erythrocephala. Wings ferruginous with grey and brown waves, the hinder ſpot dotted with black: head rufous.
Inhabits *Auſtria. Wien. Verz.* 77, 5.
Lower-wings brown with a cinereous fringed margin. Beneath, upper-pair with a cinereous border, lower-ones cinereous with a brown dot and ſtreak.

Griceſcens. Wings cinereous with pale ſpots and a ſubmarginal ſtreak of black dots.
Inhabits *Kiel. Body* cinereous.

Polygona. Wings ſlightly waved, without varied with brown and black, within pale: thorax variegated.
Inhabits *Auſtria. Wien. Verz.* 77, 16.
Thorax varied with brown and ferruginous with an oblique lateral black line each ſide: *lower-wings* whitiſh.

Barbata. Wings greyiſh with a brown ſpot in the middle and obſolete band behind.
Inhabits *Barbary.*

Tongue

Tongue teſtaceous: *upper-wings* with 2 or 3 white coſtal dots between the ſpot and band: *lower-wings* whitiſh with a brown band.

Perſicariæ Wings clouded with brown with a white kidney-ſhaped ſpot in which is a yellow lunar pupil.
Inhabits *Europe*. *Roes. Inſ.* 1. *phal* 2. *tab*, 30,
Larva naked green with a white dorſal line, the fourth and fifth ſegment with a darker ſpot; tail conic: *pupa* reddiſh-brown.

Tragopoginis. Upper-wings brown with 3 black approximate dots in the middle; lower-ones livid.
Inhabits *Europe*. *Donovan*. vii. *tab*. 223. *fig*. 2.
Larva naked green with 6 white lines and white ſtigmata: *pupa* folliculate brown.

Hepatica. Wings dull grey with a brown ſpot and 3 white coſtal dots.
Inhabits *Sweden*. *Clerk. Icon. tab*. 8. *fig*. 3.

Acetoſellæ. Wings pale orange with 2 oblique cinereous ſtreaks; lower-ones browniſh with a cheſnut-brown margin.
Inhabits *Auſtria*. *Wien. Verz*. 84, 1.
Antennæ reddiſh: *head* and *thorax* orange: *upper-wings* with a few common ſpots between the ſtreaks.
Larva naked, the back fulvous with 2 brown ſtripes, ſides reddiſh, head rufous with 2 purple lines dotted with black.

Turca. Wings yellowiſh with 2 brown ſtreaks and a pale yellow lunule.
Inhabits *Europe*. *Wien Verz*. 84, 2,
Margin of the *wings* purpliſh: all beneath pale with a brown ſtreak.
Larva reddiſh-oehre with a whitiſh dorſal line: beneath yellowiſh-white with a lateral darker line, the inciſures with black lines head brown.

Conigera. Wings yellowiſh with 2 brown ſtreaks and a triangular white dot in the middle.
Inhabits *Austria*. *Hybn. Beytr*. 4. *tab*. 4. *Z*.
Antennae yellowiſh: *lower wings* duſky.
Larva grey with white and black lines and a brown head, the firſt ſegment black with 3 white lines.

Albipuncta. Wings cinereous with a white lunule in the middle and 2 ſtreaks of brown lunules.
Inhabits *Austria*. *Wien. Verz*. 84, 4.

Larva

Larva grey with white lines and black dots, the firſt ſegment brown with 3 white lines.

Polyodon. Wings indented clouded, with an indented white ſtreak behind.
Inhabits *Europe*. *Wien. Verz.* 72, 1.
Wings beneath cinereous with a brown curve and dot.
Larva brown, the ſides pale with oblique black lines.

Flavocincta. Wings indented varied with brown aud cinereous and dotted with fulvous.
Inhabits *Auſtria*. *Roeſ. Inſ.* 1. *phal.* 2. *tab.* 44, 45.
Head cinereous, a little fulvous at the baſe: *thorax* cinereous with brown and fulvous ſpecks: rib of the *upper-wings* dotted with white: *lower-wings* cinereous with a brown ſtreak above and a dot and ſtreak beneath.
Larva green with a pale lateral line.

Eremita. Wings ferruginous with 2 white waved ſtreaks, the firſt obſolete, the other flexuous.
Inhabits *Germany*.
Hind-margin of the *upper-wings* dotted with black; beneath cinereous tipt with brown: *lower-wings* cinereous, with a brown dot and ſtreak beneath.

Nigricans. Wings blackiſh with paler ſpots.
Inhabits *Europe*. *Wien. Verz*, 81 19.
At the thicker margin are a few minute dots.
Larva naked grey-brown dotted with black, with a paler dorſal line.

Perfina. Wings ſlightly indented, cinereous with a broad black band in which is a ſubocellar dot.
Inhabits *Auſtria*; large.
Hind-margin of the *upper-wings* darker with brown lunules: *lower-wings* brown.

Fumoſa. Wings blackiſh with a ſtreak of white dots behind.
Inhabits *Auſtria*. *Wien. Verz.* 81, 18.
Body entirely blackiſh.

Aurita. Wings ſhining brown with a cinereous flexuous band in the middle: head 2, thorax 4-toothed.
Inhabits *Spain*.
Head with 2 erect denticles of ſtiff hairs, *thorax* with 4: tip of the *upper-wings* ſtriate with white and black.

Oculea.

Oculea. Wings varied with brown and ferruginous with a pale kidney-ſhaped ſpot.
Inhabits *Sweden*.
Wings reddiſh at the thin edge and brown at the thicker.

Myopa. Wings browniſh with a fulvous ſpot in the middle with a white iris, and a kidney-ſhaped one behind with a brown lunule.
Inhabits *Denmark*; ſmall grey.
All the *wings* beneath cinereous.

Flavicornis Upper-wings cinereous with 3 black ſtreaks: antennæ pale yellow.
Inhabits *Europe*. *Clerk Icon. tab.* 6. *fig.* 9,
Larva naked greeniſh with white lateral dots; head fleſh-colour.

Clavaria. Wings brown with 3 waved cinereous ſtreaks and a teſtaceous ſpot in the middle.
Inhabits *Austria*. *Wien. Verz.* 72. 7.
Upper wings with 2 marginal whitiſh ſpots and 2 black dots in the teſtaceous one: *lower-wings* brown with white waves beneath.

**Triplacia.* Upper-wings with a double curve turning contrary ways and 3 glaucous ſpots between them.
Inhabits *Europe*. *Donovan. tab.* 298. *Merian. Europ. tab.* 97.
Larva naked green with 2 brown tubercles on the back and one on the tail: *pupa* foliiculate reddiſh-brown.

Aſclepiades. Wings glaucous, the middle darker with 2 curves turning contrary ways: fore-part of the thorax with 2 ocellar ſpots.
Inhabits *Austria*. *Wien. Verz.* 91. 2.
Larva naked pale with black dots and a yellow lateral line.

Variegata. Wings varied with pale orange and white: head and thorax ſnowy.
Inhabits *Italy*. Noctua Mixta. *Fabricius, n.* 356.
Lower-wings cinereous tipt with brown.

Triſtis. Wings cinereous ſlightly waved with brown, the outer margin dotted with black; beneath pale with a brown band.
Inhabits *Sweden*.
Upper-wings with a few ſpots in which is a darker lunule.

**Rumicis.* Wings grey with brown ſtreaks and clouds and an ocellar ſpot in the middle.

Inhabits

Inhabits *Europe*. *Donovan.* iv. *tab.* 126. *Albin. tab.* 32. *Merian. Eur. tab.* 82. *Wilks. pap, tab.* 3. a. 1.
Lower-wings and *abdomen* pale brown.
Larva hairy blackiſh with white and red dots and a yellow lateral line: *pupa* folliculate brown.

Albocincta. Wings black with white waves and ſpots in the middle annulate with white.
Inhabits *Kiel*. *Body* grey.

Ridens. Wings varied with green brown and white with a white ſpot at the baſe and 2 waved ſtreaks: antennæ yellowiſh.
Inhabits *Germany*.
Head and *thorax* greeniſh ſpeckled with white: *upper-wings* with ſtreaks of white lines and black lunules towards the tip.

* *Exoleta.* Wings lanceolate convolute clouded with brown and cinereous with 4 white marginal dots.
Inhabits *Europe*. *Wilks pap.* 8. *tab.* 1. a. 18.
Larva naked green dotted, with a whitiſh lateral line: *pupa* naked reddiſh-brown.

Deperdita. Wings pale, the outer margin brown with 2 pale ſpots.
Inhabits *Kiel*.
Antennæ pectinate, ſetaceous at the tip: *thorax* cinereous with a brown ſpot each ſide: *upper-wings* with 2 pale dots between the ſpots and a ſtreak of minute black dots towards the tip: *lower-wings* pale with a black margin.

* *Verbaſci.* Wings ſcalloped indented pale yellow with brown margins.
Inhabits *Europe*. *Donovan.* viii. *tab* 257. *Mer. Europ. tab.* 29. *Wilks pap. tab.* 1. a. 15. *Harris. tab.* 8. *fg.* a, d.
Lower-wings pale brown with a white marginal ſtreak.
Larva naked grey with yellow and black dots: *pupa* folliculate reddiſh brown.

Aſteris. Wings ſtriate cinereous with black margins, the exterior with 3 black dots.
Inhabits *Auſtria*. *Wien Verz.* 312, 10.
Antennæ above white beneath ferruginous: *upper-wings* with a white lunule on the thinner-margin: *lower-wings* brown with a white diſk and fringe.

Chamomillæ. Wings lanceolate ſtriate grey with 2 minute black central dots, beneath immaculate.
Inhabits *Auſtria*. *Wien. Verz.*. 73, 3.

Antennæ

Antennæ ferruginous: *head* brown with cinereous ſtreaks: *thorax* with a black marginal ſtreak before: *abdomen* with a few tufts of hairs at the baſe: *lower-wings* ſtriate cinereous with white fringe, beneath a ſmall brown central lunule.

Tanaceti. Wings lanceolate ſtriate grey with 2 black lines: lower-ones white, beneath immaculate.
Inhabits *Auſtria*, *Wien. Verz.* 73. 5.
Antennae ferruginous, whitiſh at the baſe: *thorax* cinereous with a brown ſtreak before: *upper-wings* with 3 coſtal dots: *lower-wings* with a blackiſh margin above.
Larva naked grey with black dots and yellow lines.

Lactucæ. Wings ſtriate lanceolate grey with obſolete brown waves; beneath brown with a white diſk on the lower-ones.
Inhabits *Auſtria*. *Wien. Verz.* 76, 7.
Thorax with an interrupted brown ſtreak: *upper-wings* beneath brown, the baſe and margin pale with 3 paler coſtal dots.
Larva black with lateral white rings and a macular dorſal fulvous line, head black with a bifid white line before.

**Umbratica.* Wings ſtriate lanceolate grey with a ferruginous ſpot in the centre in which are 2 black dots.
Inhabits *Europe*. *Donovan.* viii. *tab.* 262. *fig.* 2.
Lower-wings and all beneath pale brown.
Larva naked blackiſh with 3 rows of red dots, tail pointed: *pupa* reddiſh-brown.

Oblinita. Wings lanceolate grey with black dots towards the margin.
Inhabits *America*. *Smith's Lepidopt. Inſ. of Georgia.*

Lactea. Wings ſnowy inmaculate.
Inhabits *Southern Ruſſia*
Antennae and whole *body* white immaculate.

**Putris.* Wings ſubpunctured, the outer-margin brown with an adjoining ſubocellar ſpot.
Inhabits *Europe*. *Wien. Verz.* 75, 4.
Thorax pale, teſtaceous before.
Larva naked with black yellow and whitiſh dots and browniſh ſtriæ: head black.

Lithoxylea. Wings indented cinereous ſpotted with brown, the hind-margin brown.
Inhabits *Auſtria*, on the Pear-tree.
Thorax with a rufous dorſal line: *lower-wings* cinereous with a brown hind-margin, beneath immaculate.

Petrifacta. Wings indented clouded with grey and brown: lower-ones brown: head 4-cleft before.
Inhabits *Auſtria*, on the Oak. *Wien. Verz.* 75. 3.
Larva naked green with a white dorſal line and ſhort ſcattered ones, ſtigmata ſnowy annulate with black, head green.

Rhizolitha. Wings ſlightly indented cinereous with a black line at the baſe and in the middle: thorax with a bifid creſt.
Inhabits *Auſtria*, on the Oak. *Wien. Verz.* 75, 6.
Head tranſverſely bifid: *thorax* cinereous with a black marginal lunule before. *upper-wings* with black lunules in the middle and dots at the tip: *lower-wings* above brown, beneath cinereous with a brown dot in the middle and ſtreak behind.
Larva a little hairy green ſpeckled with white, on the back a blueiſh line.

Conformis. Wings indented grey with 2 black lines; abdomen reddiſh-brown beneath.
Inhabits *Austria*. *Wien. Verz.* 76, 1.
Antennae blackiſh: *upper-wings* with a reddiſh ſpot adjoining the outer line: *lower-wings* duſky. Beneath all cinereous with a reddiſh gloſs, a brown dot in the middle and ſtreak behind.

Advena. Wings indented varied with cinereous and brown: thorax with a bifid creſt.
Inhabits *Austria*. *Wien. Verz.* 77, 11.
Upper-wings with a black ſtreak behind and common ſpot in the middle: *lower-wings* brown.

Baſilinea. Wings ferruginous or grey with browniſh waves and a flexuous black line at the baſe: thorax with a bifid creſt.
Inhabits *Austria*. *Wien. Verz.* 78, 72.

Radicea. Wings indented variegated, with an indented white ſtreak behind: thorax with a raiſed bifid creſt.
Inhabits *Austria*. *Wien. Verz.* 81, 15.
Head and *thorax* ferruginous with a black ſtreak before: *upper-wings* with a black line at the baſe, in the middle of the thinner margin a white patch with a black line, the tip with an indented whitiſh ſtreak: *lower-wings* whitiſh at the baſe and tipt with brown. Beneath reddiſh at the tip.
Larva naked cinereous with raiſed ſpots, head and tail black.

ta. Wings varied with grey and brown; lower-ones brown with a white thicker margin
Inhabits *England*.

Head

Head fulvous, eyes black: *feelers* brown with a whitiſh tip: *thorax* and *abdomen* cinereous: *upper-wings* grey at the baſe with a black line at the thicker margin, in the middle a large brown ſpot in which are a few common ones, behind this 3 ſmall white dots at the thicker margin and a few brown ones on the diſk, the margin and ſpot at the angle of the tail brown: *lower-wings* with a whitiſh outer and hind-margin, beneath pale with a brown dot and curve.

* *Myrtilli.* Wings ferruginous ſpotted with white; lower-ones yellow with a black border.
Inhabits *Europe*. *Donovan.* vii. *tab.* 221.
Larva naked green with 5 rows of blackiſh tubercles: *pupa* chocolate brown with white ſtigmata.

* *Arbuti.* Wings brown; lower-ones black with a yellow band.
Inhabits *England*. *Naturſ.* 3. *tab.* 1. *fig.* 8.
Upper-wings with an obſolete waved darker ſtreak: *lower-wings* with a whitiſh margin. Beneath, upper-pair brown with a yellow band, lower-ones yellowiſh.

Hyblæa.

Lagopus. Wings deflected, cinereous at the baſe and tipt with brown legs very hairy.
Inhabits *Eaſt India*. *Antennæ* hairy.
Feelers large obliquely truncate: *upper-wings* with a brown dot in the middle between 2 obſolete waved ſtreaks, the hind-margin ſubangular; beneath cinereous with a brown ſtreak: *lower-wings* beneath cinereous with 2 brown ſtreaks.

Roſtrata. Wings deflected brown with a common cinereous ſpot in the middle and one at the rib.
Inhabits *East India*. *Antennæ* naked.
Lower-wings yellowiſh with a brown curve at the margin. Beneath, upper-pair cinereous with 2 brown ſpots, lower-ones cinereous with a brown margin.

Sagitta. Wings deflected, grey with a large black marginal ſpot; lower-ones yellow tipt with brown.
Inhabits *India*.
Head and *thorax* grey: *abdomen* yellow: *upper-wings* beneath brown: *lower-wings* beneath yellow with a brown margin.

Semina. Wings deflected indented, varied with cinereous and brown; with 2 central reddiſh-brown dots and a larger white one.

Inhabits

Inhabits *East India*.
Wings cinereous at the base which is terminated by a rufous streak, beneath dusky with a black lunulate streak in the middle.

Deflorata. Wings incumbent grey; lower-ones yellow with a black fillet and marginal band.
Inhabits *East India*.
All the *wings* beneath yellowish with a brown spot in the middle and hind-margin.

Saga. Wings incumbent glossy-brown: lower-ones black with 2 fulvous spots.
Inhabits *Coromandel*.
Upper-wings beneath black with a yellow margin and 2 spots; *lower-ones* beneath ferruginous speckled with black: *abdomen* brown on the back, the edges of the segments fulvous.

Hepialus.

* *Humuli.* Wings of the male snowy striate, of the female yellow with fulvous marks.
Inhabits *Europe*. *Donovan*. viii. *tab*. 274. *fig*. 1.
Harris Eng. Inf. tab. 4. *fig*. a—d.
Larva 16-footed pale with a testaceous head: *pupa* folliculate blackish aculeate.

Jodutta: Wings livid with 2 darker bands.
Inhabits *Germany* *Wien. Verz*. 61, 6.
Lower-wings immaculate.

Lupulina. Wings cinereous with a whiter streak.
Inhabits *Europe*. *Clerk. Icon. tab*. 9. *fig*. 4.
Wings sometimes ferruginous.

* *Hecta.* Wings deflected yellow with 2 oblique whitish bands consisting of interrupted dots.
Inhabits *Europe*. *Donovan*. viii. *tab*. 274. *fig*. 2.
Lower-wings livid-brown.

Obliqua. Wings deflected brown with a white line at the base and 2 oblique bands consisting of interrupted dots.
Inhabits *France*.
Antennæ ferruginous: *head* and *thorax* hairy cinereous.

Carna-

Carna. Wings brown; upper-pair with ſcattered white and black dots.
Inhabits *Auſtria. Wien. Verz. App.* 310, 7.

Crux. Wings reddiſh-yellow with 2 oblique white lines: antennæ ſerrate.
Inhabits *Germany.*
Antennæ rufous: *head* and *thorax* hairy grey: *lower-wings* and all beneath darker.

Teſtudo. Wings yellow (ferruginous) with 2 oblique duſky ſtreaks.
Inhabits *Germany. Wien. Verz.* 65, 1.
Larva without feet, ovate naked green with 2 whitiſh dorſal lines: *pupa* folliculate reddiſh-brown.

Aſella. Wings deflected browniſh immaculate.
Inhabits *Auſtria*, on the Poplar. *Wien. Verz.* 65, 2.
Larva without feet, ovate red, with a yellow dorſal line dotted with black, the ſides green: *pupa* folliculate reddiſh-brown.

Bufo. Wings deflected yellowiſh with a broad brown band.
Inhabits *Germany.*
Antennæ and *body* yellowiſh: *upper-wings* with 2 ſpots in the band: *lower-wings* brown, yellowiſh at the angle of the tail. Beneath, upper-pair brown, lower-ones yellowiſh.

Coſſus.

* *Coſſus.* Upper-wings grey with numerous ſhort curves and black ſtreaks: thorax with a black band behind.
Inhabits *Europe. Donovan.* iv. *tab.* 114. *Albin. tab.* 35. *fig.* 56. *Merian Eur. tab.* 36. *Wilk's pap.* 15. *tab.* 2. a. 2.
Larva fleſh-colour with a ſcarlet back and black head; is generally found in decayed wood, and was eaten as a delicacy by the Romans: *pupa* folliculate reddiſh brown before and yellow behind.

Unguicula-ta. Upper-wings grey with numerous ſhort lines and ſpecks; lower-ones whitiſh with a brown ſpot and ſtreak behind: fore-ſhanks with a claw in the middle.
Inhabits *Italy.*
Head cinereous with a black line: *thorax* cinereous with 4 black lines: *abdomen* brown.

Terebra. Wings indented on the back, cinereous with ferruginous brown ſpecks and waved ſtreaks: thorax with a whitiſh ſtreak behind.
Inhabits

Inhabits *Germany*. *Wien. Verz.* 60, 2.
Antennæ hardly pectinate whitish: *thorax* hairy brown with a white streak behind: *abdomen* whitish, the tail brown: *lower-wings* and all beneath whitish.

* *Æsculi*. Wings white with numerous dark blue dots, thorax with 6.
Inhabits *Europe*. *Donovan's Eng. Inf.* v. *tab.* 152.
Harris's Eng. Inf. tab. 2. *fig.* 3, 4.
Antennæ of the male feathered at the base and setaceous at the tip, of the female setaceous.
Larva yellow dotted with black, head and tail black.

Scalaris. Wings snowy with numerous abbreviated black streaks and a longitudinal fulvous one.
Inhabits *China*.
Head fulvous: *antennæ* feathered, the tip naked and hooked: *thorax* snowy with a black streak before and a broad dorsal fulvous line: *lower-wings* white immaculate.

Pyrina. Wings snowy with numerous transverse black dots, thorax with 12 blue ones.
Inhabits *North America*.
Head white with a blue front: *thorax* smooth white with 12 dots, 2,4,4,2. rib of the *upper-wings* a little ferruginous.

Pyralis. Tortrix of Gmelin.

* *Bankiana* Wings brown, with 2 snowy bands, the hinder-one 1-toothed.
Inhabits Woods of *England*; large.

* *Leeana*. Wings pale with a brown central spot.
Inhabits *England*.
Lower-wings cinereous immaculate: beneath all dusky.

Lunana. Wings pale with 2 brown spots in which is a black dot.
Inhabits *East India*.
Rib of the *upper-wings* reddish from the middle to the tip: *lower-wings* whitish.

* *Prasinana* Upper-wings green with 2 oblique yellowish streaks; lower-ones white.
Inhabits *Europe*. *Donovan*. ii. *tab.* 40. the upper figure.
Antennæ and *legs* white or fulvous.
Larva green with a yellowish lateral line and a tubercle on the second segment: *pupa* green with a black dorsal line.

* *Fagana*.

* *Fagana.* Upper-wings green with 3 oblique white ſtreaks; lower-ones whitiſh-green.
Inhabits *Europe*. *Donovan.* viii. *tab.* 281. *Albin. tab.* 31.
Abdomen and *legs* fulvous: *wings* reddiſh at the margin.
Larva green with a yellow lateral line and bifid tail: *pupa* folliculate ferruginous.

Sylvana. Wings green with 2 white ſtreaks behind terminating each ſide in a common ferruginous ſpot.
Inhabits Woods of *Europe*.
Head and *thorax* green immaculate.

* *Viridana.* Wings rhombic; upper-pair green immaculate; lower-ones brown.
Inhabits *Europe*. *Donovan.* iv. *tab.* 144.
Harris tab. 10. *fig.* 1, 2. *Wilks. pap.* 4. *tab.* 1. n. 5.
Larva naked 16-footed green dotted with black, head red, hind-legs yellow: *pupa* folliculate cheſnut-brown with a bifid ſtyle behind.

* *Chlorana* Wings rhombic; upper-pair green with a white margin.
Inhabits *Europe*. *Roeſ. Inſ.* 1. *phal.* 4. *tab.* 3.
Larva green dotted with white, the ſides ſpotted with brown.

Vernana. Wings rhombic, pale greeniſh; lower-ones white with a greeniſh margin
Inhabits *Auſtria*; reſembles Ph. viridana. *Body* white.

Fabliana. Wings rhombic, greeniſh with a white line; lower-ones black with a white margin and ſpot in the middle.
Inhabits *Kiel*. *Body* black.
All the *wings* beneath black with a white ſpot and edge.

Candidana. Wings ſnowy with a brown band and broad tip.
Inhabits *France*.
Antennæ brown: *head* and *thorax* ſnowy: *lower-wings* brown.

6-punctana. Wings yellow with marginal ferruginous dots and band behind.
Inhabits *East India*.
Antennæ browniſh: *head* and *thorax* yellowiſh; *lower-wings* cinereous with a browniſh tip.

* *Uncana.* Wings brown with a whitiſh outer-margin ſending out a recurved branch in the middle.
Inhabits *Europe*. *Clerk. phal.* 3. *tab.* 7.

Plumbana.

Plumbana. Wings lead-colour with 3 ferruginous lines and large spot at the tip
Inhabits *Hamburg*; half the size of the last.
Upper-wings with a small dot between the second and third lines.

Sponsana. Wings grey with pale rufous specks.
Inhabits *Austria*. *Wien. Verz.* 129, 1. large.

Hattorfiana. Wings brown with 3 oblique cinereous streaks.
Inhabits *Germany*.
Upper-wings with 2 darker spots between the second and third streak: *lower-ones* dusky.

Hybnerana. Wings cinereous with brown spots and transverse black lines.
Inhabits *Saxony*; large.
Upper-wings with a black dot at the tip: *lower-ones* dusky with a whitish outer margin.

Hermanniana. Wings ferruginous speckled with brown.
Inhabits *Austria*. *Wien. Verz.* 315, 30.
Lower-wings brown.

Inundana. Upper-wings with grey and brown waves and a white dot in the middle.
Inhabits *Austria*. *Wien. Verz.* 132, 6.
Body and *lower-wings* brown.

* *Rosana.* Upper-wings testaceous with an oblique grey band.
Inhabits *Europe*. *Merian. Eur.* 1. *tab.* 19.

Italiana. Wings pale golden; head fulvous.
Inhabits *Italy*. Pyralis aurana. *Fabricius. n.* 21.
Antennæ whitish: *upper-wings* immaculate.

Tristana. Wings with cinereous and black waves and 2 waved white streaks.
Inhabits *Italy*.
Head black, *mouth* white: *wings* whitish beneath.

Burmanniana. Wings pale with 4 white costal spots on the upper-pair.
Inhabits *Surinam*. *Cramer.* 31. *tab.* 372. H.
Head ferruginous: *wings* with a black hind-margin.

Payquayana. Wings ferruginous immaculate.
Inhabits *Austria*. *Wien. Verz.* 418, 21.
Head and *thorax* ferruginous: *lower-wings* cinereous.

Trifasciana.

Trifasciana Wings white with 3 brown bands, the third dotted with black.
Inhabits *Italy*. *Body* whitish.
Upper wings with a few black dots on the band at the tip.

Vitana. Wings greenish-brown with 3 oblique brown bands, the third marginal.
Inhabits *France*. *Dantic. Mem. d'Agric.* 1786. *tab.* 4.
Head brown: *thorax* brown with a grey gloss: *lower-wings* brown.
Larva greenish with a black head and yellow spot on the first segment.

Pallidana. Wings pale yellow with 2 oblique ferruginous streaks.
Inhabits *Hamburg*.
Upper-wings with a few ferruginous lines behind the bands.

* *Christiernana.* Wings yellow with red bands crossing each other in the middle.
Inhabits *England*. *Donovan's English Insects*: 1. *tab.* 20. *fig.* 1.
Body and *lower-wings* brownish grey.

* *Smeathmanniana.* Wings whitish with 2 oblique brown bands, the first abbreviated, the other interrupted.
Inhabits *England*. *Lower-wings* dusky.

Cretana. Wings white with 3 brown bands, the third abbreviated.
Inhabits *Austria*. *Wien. Verz.* 129. 3.
Body large brown: *lower-wings* dusky.

Lactana. Wings cinereous; upper-pair with scattered black dots.
Inhabits *Georgia*.
Body small snowy: *lower-wings* snowy with a small black mark at the hind-margin.

Decussana. Wings very finely barred with cinereous black and silvery, the tip with a black subocellar spot.
Inhabits *Germany*.
Upper-wings with a broader band in the middle spotted with black and silver, behind a large cinereous spot inclosed by a double silvery line: *lower-wings* brown.

2-punctana. Wings brown with 2 broad whitish bands, the hinder-one with 2 black costal dots.
Inhabits *Italy*. *Lower-wings* dusky.

Ameriana. Upper-wings teſtaceous with a common ferruginous ſpot.
On the Willow. *Reaum. Inſ.* 2, *tab.* 18. *fig.* 6, 7.

Maculana. Upper-wings brown with 4 black ferruginous dorſal ſpots.
Inhabits woods of *Sweden.*
Wings brown ſpeckled with cinereous, beneath all cinereous.

* *Fuſcana.* Upper-wings brown immaculate.
Inhabits *Europe. Wien. Verz.* 128, 1.

Hartmanniana. Upper-wings grey with a black line in the middle joined to a white one.
Inhabits *Europe. Wien. Verz.* 131, 31.

* *Forſterana.* Upper-wings dull cinereous with 2 brown marginal ſpots.
Inhabits *England.* In the muſeum of Sir *Joſ. Banks.*
Head and *thorax* brown immaculate.

Pillerana. Upper-wings gold with 2 oblique brown bands.
Inhabits *Auſtria. Wien. Verz.* 126, 2.
Large. *Lower-wings* brown.

Saldoxana. Wings with white and brown waves and a broad black band in the middle.
Inhabits *Paris*; large.
Head and *thorax* ſpeckled with white and black, the latter with a black band and 2 dots: margin of the *wings* with a black ſtreak

Costana. Wings pale teſtaceous with 2 brown coſtal ſpots.
Inhabits *Germany. Wien. Verz.* 127, 5.

* *Xyloſteana.* Upper-wings teſtaceous with an oblique brown band.
Inhabits *Europe. Degeer. Inſ.* 1, *tab.* 27. *fig.* 9, 10.

* *Miniſtrana.* Upper-wings teſtaceous with a rufous hind-margin, in the middle a ferruginous mark with a white line.
Inhabits *Europe Clerk. phal. tab.* 2. *fig.* 12.

Smidtiana. Wings ſlightly indented yellow with a brown band and ſtreak and white marginal ſpots.
Inhabits *Germany*; large.
Upper-wings yellow at the baſe, in the middle a broad band in which is a ſmall ferruginous dot, behind this a waved brown ſtreak, the hind-margin ſpotted with white and brown: *lower-wings* grey. Beneath all grey with 2 brown waved ſtreaks.

Servana.

Servana. Upper-wings browniſh with a fulvous ſpot in the middle, the baſe yellow.
Inhabits *Germany*.
Upper-wings a little gilt behind with ſnowy fringe in which is a brown ſpot: *lower-ones* cinereous.

Lævigana. Upper-wings brown-teſtaceous with a ferruginous ſpot in the middle.
Inhabits *Auſtria*. *Wien. Verz.* 129, 12.
Lower-wings brown with a ferruginous ſpot at the tip.

Pflugiana. Wings brown with a common dorſal ſnowy curve and angle of the tail
Inhabits *Germany*.
Upper wings with a few ſhort ſilvery ſtreaks at the thicker margin behind: *lower-wings* blackiſh, beneath cinereous.

* *Crystalana.* Upper-wings yellow-brown with dark ſhades, a broad irregular white mark and a tuft on the centre.
Inhabits *England*. *Donovan.* iii. *tab.* 77. *fig.* 1, 2.
Head and *thorax* white, the latter with a brown band before: *abdomen* browniſh: *upper-wings* with a ſhort white ſtreak at the tip: *lower-ones* brown.

* *Udmanniana.* Wings dark grey with an angular common cheſnut-brown mark.
Inhabits *Europe*. *Donovan.* v. *tab.* 153. *fig.* 1—3.
Larva roſy with white lateral ſpots and black head and collar: *pupa* reddiſh-brown.

* *Solandrana.* Wings pale, ſubfaſciate with white, with a common dorſal ferruginous ſpot.
Inhabits *Europe*. *Degeer Inſ.* 1. *tab.* 28. *fig.* 29, 30.
The common ſpot is ſurrounded with a white line.
Larva cinereous ſpeckled with black, head and firſt ſegment of the body brown.

Rusticana. Wings grey with a common white ſpot on the back.
Inhabits *France*. *Legs* white.

Variegana. Wings white with a common dorſal brown ſpot and hind-margin.
Inhabits *Austria*. *Wien. Verz.* 130, 6.
Head and *thorax* white: *abdomen* yellowiſh.

Trapezana. Wings teſtaceous with a common dorſal cinereous ſpot in which are a few teſtaceous ſtreaks.

Inhabits *Germany.*
Head grey : *thorax* teſtaceous : *wings* beneath cinereous.

Luſcana. Wings pale with a brown band at the baſe common dorſal ſpot and mark at the tip.
Inhabits *Auſtria. Wien. Verz* 330. 7.
Rib of the *upper-wings* dotted with brown : *lower-wings* brown.

**Pupillana* Wings pale with 2 oblique brown bands, angle of the tail with a blackiſh ſpot in which are 3 ſilvery dots.
Inhabits *England*, on the Abſinthium.
Body cinereous : *lower-wings* brown immaculate.

Stroemiana Wings brown with 2 cinereous dorſal ſpots.
Inhabits *Germany.*
Outer margin of the *upper-wings* ſtriate with white : *lower-wings* brown.

**Zoegana.* Wings yellow with a brown central dot, the tip brown with a yellow ſpot.
Inhabits *Europe. Donovan* iii. *tab.* 106. *fig.* 2.
Abdomen and *lower-wings* pale brown.

**Hamana.* Upper-wings yellow with a rediſh-brown dot and hooked mark behind.
Inhabits *Europe. Harris. tab.* 1. *fig.* 1. 2.
This is probably only a variety of the laſt.

Cruciana. Wings whitiſh-aſh with a curved ferruginous ſpot behind.
Inhabits *Europe. Wien. Verz.* 122. 3.

Kaekritzia na. Wings yellowiſh with a ſingle ferruginous dot.
Inhabits *Europe. Wien Verz.* 127. 1.

Viburnana Upper-wings ſhining grey-brown immaculate; lower-ones brown with a whitiſh margin.
Inhabits *Auſtria, Wien. Verz.* 128. 15.

Cinerana. Wings dull cinereous immaculate.
Inhabits *Germany.*

Triangula- na. Wings varied yellow and brown with a yellow baſe and marginal ſpots
Inhabits *American Iſlands. Lower-wings* cinereous.

Margana. Wings cheſnut-brown with a yellow outer margin in which are 2 cheſnut-brown bands.

Inhabits

Inhabits *American Iſlands*.
Head and *thorax* variegated: *breast* and *legs* ſnowy: *upper-wings* with a ſmall ring in the middle, angle of the tail browniſh.

Obliquana Wings cinereous with oblique fulvous bands edged with white.
Inhabits *England*; large.
Antennae ſlightly pectinate brown: *head* and *thorax* ferruginous: *upper-wings* with 3 oblique bands edged round with white.

Laetana. Upper-wings browniſh, baſe of the outer-margin ſnowy with black dots.
Inhabits woods of *Sweden*.
Upper-wings with a reddiſh-brown ſpot at the tip in which are a few white lines, the hind-margin half white.

Profundana Wings variegated cinereous and brown with a common white dorſal ſpot.
Inhabits *Auſtria*. *Wien. Verz.* 132. 1.
Rib of the *upper-wings* dotted with black: *lower-ones* brown.

Brynnichana. Wings brown with a common brown rhombic dorſal ſpot.
Inhabits *Europe*. *Wien. Verz.* 132. 1.
Outer-margin of the *wings* ſlightly ſpotted with white, the hind-margin a little reddiſh.

Jaquiniana Upper-wings golden with a common white dorſal ſpot and coſtal dots.
Inhabits *Auſtria*. *Wien. Verz.* 132. 4.

Populana. Upper-wings brown with gold and ſilver ſtreaks at the tip, in the middle a common white ſpot in which is a brown dot.
Inhabits *Sweden*: on the Poplar.
Upper-wings with white coſtal dots.

Roſſiana. Wings cheſnut-brown with a common ſnowy ſpot and hairy dot in the middle.
Inhabits near the Waters at *Spa*.
Head and *thorax* ſnowy: *upper-wings* brown within.

Communana Wings duſky variegated, with a common white dorſal ſpot.
Inhabits *Italy*.
Head and *thorax* brown: *upper-wings* with darker ſtreaks and a few obſolete whitiſh dots at the tip.

Pruniella Wings purpliſh-brown with a white ſtripe down the middle in which is a black dot.

Inhabits

Inhabits *England.* *Donovan* ii. *tab.* 58. *fig.* 1.
Head and *thorax* white: *abdomen* and *lower-wings* grey.

Trauniana. Upper-wings blackish with a common yellow dorsal spot.
Inhabits *Austria.* *Wien. Verz.* 132. 3.
Upper-wings with an obsolete gold streak behind in which are 4 yellow costal dots.

Woeberana Wings varied with black and fulvous with numerous silvery streaks and yellow dots on the rib.
Inhabits *Austria.* *Wien. Verz.* 126. 9.
Upper-wings black with fulvous specks and streaks, the tip with an obsolete brown dot in which are 3 fulvous lines: *lower-wings* brown, the anterior margin whitish at the base.

**Arcuana.* Wings pale yellow with 3 curved bands, and a black spot on the disk in which are 3 silvery dots.
Inhabits *Europe.* *Clerk. phal. tab.* 10. *fig.* 8.
At the base of the *wings* are 3 silvery lines.

**Lecheana* Upper-wings testaceous with silvery I. L. thorax silvery.
Inhabits *Europe.* *Clerk. phal. tab.* 10. *fig.* 2.

Buoliana, Upper-wings fulvous with white subreticulate streaks.
Inhabits *Austria.* *Wien. Verz.* 128. 16.
Lower-wings brown.

Corylana Upper-wings yellow reticulate with testaceous and with 3 short brown bands.
Inhabits *Kiel,* on the Nut-tree.
Hind-margin of the *upper-wings* brown: *lower-ones* pale.

**Avellana.* Upper-wings testaceous with 3 short brown bands.
Inhabits *Europe.* *Wien. Verz,* 127. 8.

Fasciana. Upper wings dull cinereous with a brown band in the middle and dot at the tip.
Inhabits *France.* *Wien. Verz.* 128. 3.

**Hastiana.* Upper-wings brown with an oblique white streak.
Inhabits *Europe.* *Clerk. phal. tab.* 2. *fig.* 7.

Decimana Upper-wings fulvous with silvery streaks, a yellow band and 3 yellow dots.
Inhabits *Austria.* *Wien. Verz. app.* 300.
Head and *thorax* fulvous: *lower-wings* black.

Bauman-

Baumanniana. Upper-wings yellow with 2 nearly anaſtomoſing ferruginous bands edged with ſilver, the hinder-one interrupted.
Inhabits *Austria.*
Head and *thorax* ferruginous: *lower-wings* brown.

Heiſeana. Wings yellow with ſilvery ſtreaks and yellow dots.
Inhabits *Saxony. Wien. Verz.* 126. 7.
Head fulvous: *body* cinereous; *lower-wings* and all beneath cinereous.

Allionana Wings gold with 4 yellow ſpots.
Inhabits *Italy.*
Head hairy yellow: *thorax* brown: *lower-wings* cinereous.

Variana. Upper-wings varied with ferruginous and brown; lower-ones brown with a fulvous tip.
Inhabits *Kiel.*
Wings beneath brown with fulvous tip.

**Interrogationana.* Wings red-brown with a white flexuous line and dot reſembling a note of interrogation.
Inhabits *England. Donovan.* ii. *tab.* 65, *fig.* 1.
Body and *lower-wings* pale brown.

Lediana. Wings brown with 2 ſilvery-red bands.
Inhabits *Europe. Clerk phal. tab.* 10. *fig.* 12.

Schalleriana. Wings grey with a marginal ferruginous ſpot.
Inhabits *Europe*: ſmall.
Upper-wings with a few muricate dots at the baſe.

Rufana. Wings reddiſh-grey with a brown marginal ſpot and white dot in the middle.
Inhabits *Austria. Wien. Verz.* 129. 8.
Head and *thorax* brown: *lower-wings* cinereous.

Radierana Wings yellowiſh with 2 white waved ſtreaks.
Inhabits *American Iſlands. Lower-wings* whitiſh.

Roboruna Wings cinereous with 2 marginal teſtaceous ſpots; that at the baſe leſs.
Inhabits *Germany*, on the Oak.
Thorax cinereous with 3 large pale ferruginous ſpots.

Laterana Upper-wings brown-ferruginous with 3 raiſed tufted dots at the baſe and a marginal black ſpot.
Inhabits *Zealand. Body* ruſty-brown.
Lower-wings and all beneath cinereous.

**Modeieriana.* Upper-wings yellowiſh with a marginal brown ſpot behind.

Inhabits

Inhabits *Northern Europe.*
Head and *thorax* ferruginous: *lower-wings* white.

**Schreberiana.* Upper-wings grey with a white triangular marginal ſpot.
Inhabits *Europe. Panz. Fn Germ.* 7. *tab.* 19.

**Helmiana* Upper-wings pale yellow-ferruginous with a white triangular marginal ſpot
Inhabits *Europe. Clerk. Phal. tab.* 10. *fig.* 7.

**Francillana.* Wings pale yellow with 2 cheſnut-brown ſtreaks.
Inhabits *England.* In the Collection of Mr. *Francillon.*
Head and *thorax* pale yellow: *abdomen* brown, the tail yellowiſh: *lower-wings* browniſh.

Rolandriana, Upper-wings pale teſtaceous with obliqne ferruginous ſtreaks, the hind-ones meeting.
Inhabits *Europe. Wien. Verz.* 128. 13.
Between the laſt ſtreaks which meet at the thinner margin is a coſtal ferruginous ſpot.

Griſeana Wings grey-brown, the tip darker with a white marginal ſpot.
Inhabits *American Iſlands.*
Wings terminating in a whitiſh ſtreak.

**Gnomana* Upper-wings yellow with an oblique teſtaceous band and ferruginous marginal ſpot behind.
Inhabits *Europe. Clerk. Phal. tab.* 2. *fig.* 14.

**Oporana* Upper-wings ferruginous ſpotted and reticulate with brown.
Inhabits *Europe. Wilks. pap.* 17. *tab.* 2. a. 4.
Lower-wings yellow before and brown behind.

Gerningana Wings reddiſh with 2 oblipue brown bands, the laſt terminal.
Inhabits *Auſtria. Wien. Verz.* 318. 23.

**Ilicana.* Upper-wings brown-aſh with brown dots and a ſingle black one in the middle.
Inhablts *England*; large.
Margin of the *upper-wings* with a ſtreak of brown dots: *lower-wings* cinereous.

Rivagana Upper-wings with 2 cinereous ſtreaks in the middle and a fulvous dot between them.
Inhabits *Auſtria. Wien. Verz.* 130. 17.
Lower-wings brown: *body* large.

Conſperſana.

Conjperſana Upper-wings ſnowy with irregular black ſpots and ſpecks.
Inhabits *Austria*. *Wien. Verz.* 130. 14.
Body ſnowy : *lower-wings* cinereous.

Strigulana Upper-wings cinereous thickly ſpeckled with brown.
Inhabits *Austria*. *Wien. Verz.* 130. 15.

Steinkelne-rana. Upper-wings cinereous with a flexuous black line on the diſk.
Inhabits *Austria*. *Wien. Verz.* 130. 16.

Poſticana Wings ſnowy ; baſe of the rib, oblique band in the middle and marginal dot behind brown.
Inhabits *Paris*.
Head and *thorax* ſnowy : *lower-wings* cinereous.

**Logiana.* Upper-wings grey with irregular black ſpecks : lower-ones whitiſh.
Inhabits *Europe*. *Wien. Verz.* 130. 4.

Govana. Upper-wings ſnowy, beneath brown.
Inhabits *Northern Europe*.

Niveana. Upper-wings ſilvery with 2 oblique raiſed ſcaly ſtreaks, the hind-margin dotted with black.
Inhabits *Sweden*.
Body large white : *Lower-wings* above brown.

Criſtana. Upper-wings brown with a white inner-margin and raiſed tufted dot in the middle.
Inhabits *Auſtria*. *Wien Verz.* 129. 10.
Head and *thorax* whitiſh : *lower-wings* cinereous.

**Deſſontai-nana.* Wings brown-cinereous with an abbreviated fulvous fillet in the middle, in the middle of which is a raiſed hairy dot.
Inhabits *England*. In the Collection of Mr. *Francillon*.
Body ſnowy : thinner margin of the *upper-wings* yellowiſh : *lower-wings* cinereous.

**Profanana* Wings cinereous with a brown tufted dot in the middle.
Inhabits *England*. In the Collection of Mr. *Francillon*.
Body cinereous : *upper-wings* with a few minute hairy dots beſides the larger one in the middle : *lower-wings* cinereous.

Thunbergana. Upper-wings cinereous with 4 black tufted dots.
Inhabits *Germany*. *Wien. Verz.* 138. 9.

Punctulana Upper-wings rough brown with an interrupted dull cinereous fillet in the middle.
Inhabits *Auſtria*. *Wien. Verz*, 130. 13.
Head and *thorax* brown: *upper-wings* with numerous black raiſed dots; *lower-wings* duſky.

Alperana. Upper-wings white at the baſe, the tip brown and rough.
Inhabits *Kiel*. *Lower-wings* cinereous.

Elevana. Upper-wings rough cinereous with a brown ſpot at the baſe.
Inhabits *Auſtria*: *Wien. Verz.* 130, 12.
Head and *thorax* cinereous: *upper-wings* rough with ſcattered raiſed dots: *lower-wings* whitiſh.

Beſcana. Wings white with raiſed brown dots and 3 raiſed tubercles near the rib.
Inhabits *Paris*. P. tuberculana. *Linn. Tr.* 1. *tab.* 17. *fig.* 4. 5.
Hend ſilvery white: *thorax* varied with ſilvery and grey, crested before; the 3 tubercles on the *upper-wings* in a line half white and brown: *lower-wings* pale brown with a black dot in the middle.

Duplana Upper-wings pale with 2 approximate black dots at the baſe.
Inhabits *Kiel*. *Wings* beneath cinereous.

**Squamana* Upper-wings green with numerous raiſed dots.
Inhabits *Europe*. *Donovan.* v. *tab.* 157. *fig.* 7.
Upper wings with numerous black dots ſhaded with white: *lower-wings* brown.

Rouanana. Wings greeniſh with white raiſed dots and a black lunule in the middle.
Inhabits *Germany*.
Abdomen cinereous with a brown lateral line: *lower-wings* dark cinereous.

Borana Wings varied cinereous and brown with irregular black raiſed dots.
Inhabits *Sweden*; large. *Lower-wings* whitiſh.

**Stictana.* Wings browniſh with a common white dorſal ſpot in which is a black dot.
Inhabits

Inhabits *England*. In the Collection of Mr. *Francillon*.
Upper-wings with a few indiſtinct pale ſtreaks at the tip which terminate at the rib in 4 white dots : *lower-wings* brown.

Litterana. Wings rhombic ; upper-pair green with irregular black marks
Inhabits *Germany*. *Hybn. Beytr.* 3. *tab.* 2. G.

**Emargana* Wings falcate emarginate at the rib, brown with reticulate dark lines.
Inhabits *England*. *Donovan.* iii. *tab.* 106. *fig.* 1. 5.
Upper-wings with ſometimes a dark band.

**Caudana* Wings falcate emarginate at the rib, grey with a fulvous ſtreak.
Inhabits *England*.

**Scabrana* Upper-wings cut off on the rib behind, rough cinereous ſlightly barred with brown.
Inhabits *England*, on the Oak.
Body and *lower-wings* cinereous.

**Quercana* Upper-wings roſy with 2 ſulphur coſtal ſpots.
Inhabits *Europe*. *Donovan* iii. *tab.* 106. *fig.* 3.
Head and *thorax* roſy ; *lower-wings* pale brown.

Grotiana Wings yellowiſh mixed with fulvous, a broad brown band in the middle bifid towards the rib.
Inhabits *Hamburgh*.
Body yellowiſh ; *abdomen* and *lower wings* brown.

Paykulliana Wings whitiſh with a common black triangular ſpot at the baſe.
Inhabits *Sweden*. Tinea ramella. *Linn. Syſt.* 2.
Hind-margin of the *wings* browniſh.

**Ocelliana* Wings cinereous with a red patch in the middle in which is a whitiſh dot.
Inhabits *England*. In the muſeum of Sir *Joſ. Banks*.
Body cinereous : hind margin of the *upper-wings* dotted with black : *lower-wings* white.

**Forſkaboliana*. Upper-wings yellow reticulate with ferruginous with a browniſh patch in the middle.
Inhabits *Europe*. *Clerk. phal. tab.* 10. *fig.* 2.
Wings beneath fine yellow.

**Loeflingiana.* Upper-wings yellow reticulate with teſtaceous, and marked with a double X.
Inhabits *Europe*. *Donovan.* iii. *tab.* 90.
Lower-wings lead-colour: all beneath brown.

Sulphurana Wings yellow with 2 indented oblique brown ſtreaks and numerous ſpecks.
Inhabits *North America*.
Body yellow: *abdomen* white: *lower-wings* ſnowy: beneath all white.

Centrana Wings yellow with a cruciform brown mark in the middle.
Inhabits *Paris*.
Head and *thorax* yellowiſh: *lower-wings* whitiſh.

**Bergmanniana.* Upper-wings yellow varied with orange and 4 ſilvery bands, the third bifid.
Inhabits *Europe*. *Donovan.* v. *tab.* 157. *fg.* 1—6.

Daldorfana Upper-wings brown tipt with gold.
Inhabits *Kiel*; ſmall.
Body and *lower-wings* and all beneath brown.

**Yeatiana* Upper-wings grey with a black ſpot and 2 central dots.
Inhabits *England*.
Antennae black: *body* cinereous: *upper-wings* with 4 or 5 black dots at the hind-margin.

Schumacherana. Upper-wings black with a white band in the middle and ſpecks behind.
Inhabits woods of *Germany*.
Head and *thorax* black: *wings* beneath brown with 4 white costal dots.

Abildgaardana. Upper-wings grey, the tip ruſty-brown.
Inhabits woods of *Denmark*.
Upper-wings brown-ferruginous from the middle to the tip, with a cinereous marginal ſtreak.

Mixtana. Wings browniſh with a yellow baſe and marginal dots.
Inhabits *Denmark*.
Body yellowiſh: *lower wings* and all beneath brown.

Penkleriana Upper-wings reticulate with cinereous and brown, at the tip a grey-brown ſpot with 2 ſilvery ſtreaks.
Inhabits

Inhabits *Austria*.
Upper-wings with a dark ſpot in the middle in which are 2 brown rings.

Alſtroemiana. Wings whitiſh; upper-pair with a lateral ruſty-brown ſpot in the middle.
Inhabits *Europe*. *Clerk. phal. tab.* 10. *fig.* 1.

Pavonana. Wings grey with 2 central ſnowy dots and an incumbent tuft of hairs at the baſe.
Inhabits *Tranquebar*.
Lower-wings white hyaline each ſide.

Fabriciana Wings blackiſh: upper-pair with 2 white dots.
Inhabits *Europe*. *Wien. Verz.* 132. 7.

Nitidana Wings ſhining brown with a broad ſilvery band in the middle in which is a brown ſtreak.
Inhabits *England*. In the Collection of Mr. *Francillon*.
Upper-wings with an obſolete ſilvery ſtreak or two near the tip: *body* and *lower-wings* brown.

Nigricana Wings blackiſh, the rib dotted with yellow, the tip with a black dot.
Inhabits *England*. In the Collection of Mr. *Francillon*.
Body black: *upper-wings* with a ſilvery-blue ſtreak near the tip: *lower-wings* brown immaculate.

Helwigiana. Wings blackiſh, all with a whitiſh ſubmarginal dot.
Inhabits *Germany*. *Body* black.

Myllerana Wings varied black and cinereous with ſilvery ſpecks, a cinereous ſtreak behind and marginal cheſnut-brown one.
Inhabits *Sweden*.
Lower-wings brown with an interrupted white ſtreak. Beneath black with a white ſtreak: *abdomen* black, edges of the ſegments white.

Pariana. Wings brown with 2 black ſtreaks and cheſnut-brown hind-margin.
Inhabits *Europe*. *Clerk. phal. tab.* 10. *fig.* 9.

Conwayana. Wings ruſty-brown with ſilvery dots and a yellowiſh dorſal ſpot.
Inhabits *England*: ſmall.
Upper wings with 2 ſmall yellowiſh ſpots dotted with brown at the thicker margin and a large common one in the middle: *lower-wings* blackiſh.

Bierkan-

Bierkandrana. Wings varied brown and gold with cinereous ſtreaks, the baſe with ſilvery lines, the tip with ſilvery dots.
Inhabits *Sweden*. *Thunb. Inſ. Suec.* 24. *tab.* 1.
Antennae annulate with white and black: *thorax* gold with a lateral ſilvery line: *abdomen* brown.

Abbreviana. Wings varied ferruginous and cinereous with an abbreviated brown ſtreak behind.
Inhabits *Germany*; ſmall.
Lower-wings cinereous immaculate.

Sebeſtediana. Wings black with a common blueiſh-ſilvery ſpot ſtreaks and ſpecks.
Inhabits *Kiel*, in Alder plantations.
Antennae annulate with white and black. *upper-wings* terminating in a white fringe: *lower-wings* black with a white thicker margin.

Koenigana. Wings fulvous, the tip black with fulvous ſpots.
Inhabits *Eaſt India*, ſmall. *Wings* beneath duſky.

* *Aurana.* Wings brown with 2 orange ſpots.
Inhabits *England*. *Donovan.* ii. *tab.* 57. *fig.* 2.
Body and *lower-wings* brown.

* *Pomana.* Wings clouded, with a red-gold ſpot behind.
Inhabits *Europe*. *Wilks pap.* 5. *tab.* 1. a. 9.
Larva 16 footed naked rufous with a black head: *pupa* folliculate reddiſh-brown.

Schulziana Wings teſtaceous with ſilvery bands and dots and a black patch in the middle.
Inhabits *Germany*, large.
Upper-wings beneath blackiſh with yellow coſtal ſpots: *lower-wings* cinereous.

Lipſiana. Wings grey-brown with a white dot in the middle in which is a black pupil.
Inhabits *Leipſick*. *Wien. Verz.* 129, 9.
Lower-wings cinereous.

Rivellana. Wings brown with 3 cinereous bands, the ſecond biſid at the thinner margin.
Inhabits *Sweden*. *Wien. Verz.* 131, 22.
Upper-wings with a brown dot at the rib.

Abietana

Abietana. Wings varied with brown and white, the outer-margin dotted with white.
Inhabits *Sweden*, on the Fir, and *France* on the Oak.

Undana. Wings brown with 3 cinereous bands, the second bifid at the thicker margin.
Inhabits *Austria*. *Wien. Verz.* 131, 21.

**Unguicana* Wings cinereous subfasciate, the tip recurved and pointed, the outer margin behind transversely striate with white.
Inhabits *Europe*. *Clerk. phal. tab.* 12. *fig.* 7.

Scopoliana. Wings brown with 2 white dorsal curves.
Inhabits *Austria*. *Wien. Verz.* 129, 11.
Upper-wings with a few whitish marks at the rib.

Ifertana. Wings greenish-brown with a white dorsal lunule and marginal dots.
Inhabits *Denmark*.
Head white: *thorax* brown varied with cinereous: *lower-wings* brown.

Dorsana. Wings brown with a white dorsal curve and silveay streak at the tip.
Inhabits *Germany*. *Wien. Verz.* 127, 14.
Outer-margin of the *upper-wings* spotted with white: *lower-wings* brown, whitish at the tip.

Strigana. Wings yellowish with ferruginous and silvery streaks at the tip and a triple black dot.
Inhabits *Germany*. *Wien Verz.* 129, 15, 16.
Upper-wings sometimes brown: *lower-ones* cinereous.

Lundana. Wings brown at the base with a semicircular pale line, the tip gilt and streaked at the thicker-margin with silvery and yellow.
Inhabits *Kiel*. *Wien. Verz.* 136, 8.
Hind-margin of the *upper-wings* fringed with white: *lower-wings* brown.

**Cynosbana* Upper-wings brown tipt with white.
Inhabits *Europe*. *Merian. Europ. tab.* 28. *Degeer* 1. *tab.* 34.
Wings with a black dot at the end.
Larva 16-footed, tapering each way, ferruginous with a black head: *pupa* folliculate red-brown.

Mygindana.

Mygindana Upper-wings grey with fulvous ſtreaks behind.
Inhabits *Auſtria*. *Wien. Verz.* 131, 28.
Body and *lower-wings* dull cinereous.

Tripunctana Upper-wings brown, the tip white with a brown margin and 3 diſtinct dots.
Inhabits *Austria*. *Wien. Verz.* 131, 35.

Mitterbachiana. Wings varied with brown and rufous with an abbreviated white dorſal ſtreak.
Inhabits *Auſtria*. *Wien. Verz.* 129, 17.
Outer and hind-margin of the *wings* marked with white.

Reſinana. Wings brown ſlightly barred with ſilvery.
Roeſ Inſ. 1. *phal.* 4. *tab.* 76. *Friſch. Inſ.* 10. *tab.* 9.
Found within the reſin which exudes from the pine.
Larva 16-footed naked yellow with a rufous head: *pupa* folliculate brown.

Mediana. Wings brown with 2 yellow ſpots.
Inhabits *Austria*. *Wien. Verz.* 128, 14.
Body brown: *lower-wings* blackiſh.

Achatana. Upper-wings brown, the tip cinereous with 2 ferruginous ſpots.
Inhabits *Auſtria*. *Wien. Verz.* 131, 27.
Rib of the *upper-wings* dotted with white: *lower-wings* cinereous.

Applana. Wings depreſſed brown with 3 white central dots.
Inhabits *Kiel*. *Clerk. phal. tab.* 2. *fig.* 15.
Outer margin of the *upper-wings* ſtriate at the tip: *lower-wings* and all beneath cinereous.

* *Sparmanniana.* Wings flat pale with 2 black dots on the diſk.
Inhabits *England*. In the collection of Mr *Francillon*.
Hind-margin of the *upper-wings* dotted with black: *lower-wings* immaculate.

Boeberana. Wings depreſſed cinereous with a common black diſk at the baſe.
Inhabits *Denmark*, on the oak.
Antennae annulate with white and black: *body* cinereous.

Umbellana. Wings flat ſtriate grey with approximate black emarginate ſpots on the diſk.
Inhabits *France*, on various umbellate plants.
Hind-margin of the *upper-wings* dotted with black. *Larva*

Larva green with a black head and collar and 2 dotted ſtreaks on the ſegments.

Heracleana. Wings depreſſed grey; upper-pair with approximate black lines on the diſk.
On umbellate plants *Schaeff. Icon. tab.* 2. *fig.* 3, 4.
Larva green with black dots and 3 darker dorſal lines.

Rutana. Wings depreſſed brown with numerous white tranſverſe lines: thorax with 2 erect tufts on the back.
Inhabits *France*, on the Rue.
Upper wings with 2 ſmall raiſed approximate black dots in the middle beſides the lines.

Depreſſana. Wings depreſſed brown: head and thorax ſnowy.
Inhabits woods of *Sweden*: ſmall, depreſſed.

Tinea.

Boletella. Wings oblong, black with a whitiſh back and hind-margin.
Inhabits *Auſtria* and *Sweden*, in fungi of the Beech.
Feelers reclined horn-ſhaped: *head* and *thorax* cinereous.
Larva whitiſh dotted with black, head brown.

Cerella. Wings grey, emarginate behind, the back caniculate brown.
Reaum. Inſ. 3. *tab* 19 *fig.* 14, 15.
In bee hives, where it preys upon the wax.
Thorax cinereous with an oblong brown ſpot.

Gigantella. Upper wings yellowiſh-grey; lower-ones white immaculate.
Inhabits *Auſtria*. *Wien Verz.* 135, 27.
Head and *thorax* yellowiſh: *abdomen* cinereous.

Magnella. Wings oblong ſnowy immaculate.
Inhabits *Italy*, large.
Body ſnowy: *lower wings* cinereous.

Colonella. Wings oblong cinereous with 2 black dots before a curved undulate obſolete ſtreak.
Inhabits *Europe*. *Donovan.* viii. *tab.* 263. *fig.* 2.

Scociella. Wings oblong cinereous, whitiſh before, behind pale with a black waved ſtreak.
Clerk. phal. tab. 3 *fig.* 11. *Wien. Verz.* 319, 62.
Found in the combs of the *Apis lapidaria*.

Grandella. Wings oblong cinereous, behind darker with a white dot and cinereous waved ſtreak.
Inhabits *Eaſt India.*

Centuriella. Wings oblong cinereous with faint brown bands and a yellowiſh ſpot.
Inhabits *Auſtria. Wien Verz.* 319, 63.
Lower-wings cinereous edged with brown.

**Pannerella.* Wings oblong brown with a blackiſh line down the middle and a few dots at the tip.
Inhabits *England. Donovan* iii. *tab.* 106. *fig.* 4.
Lower-wings blueiſh-hyaline with a deep fringe.

Spiſſicella. Wings oblong grey: 2 lower joints of the antennæ thicker.
Inhabits *Kiel.*
Thorax cinereous creſted behind: *wings* paler in the middle with a few black dots.

Griſella. Wings oblong dull cinereous immaculate: head fulvous.
Inhabits *Paris. Body* entirely cinereous.

* *Pruniella* Wings purpliſh-brown with a white line in the middle in which is a blackiſh ſpot.
Inhabits *England. Donovan.* ii. *tab.* 58. *fig.* 1.
Body and *lower-wings* dark grey.

* *Gelatella.* Wings brown-aſh with a white fillet on the upper-pair.
Inhabits *Europe. Clerk. phal. tab.* 8. *fig.* 3.
Female with the mere rudiments of wings.

**Euonymella.* Upper-wings ſilvery-white with 50 black dots.
Inhabits *Europe. Donovan.* i. *tab.* 9. *Albin. tab.* 60. *fig.* A, C. *Merian. Eur.* 2. *tab.* 2. *Wilks. tab.* 1. a. c.
Larva gregarious naked yellow dotted with black. *pupa* folliculate reddiſh-brown.

* *Padella.* Upper-wings lead-colour with 20 black dots.
Inhabits *Europe. Harris.* 7. *tab* 3. *fig.* k, m.
Larva gregarious naked grey, the ſegments with a black dot each ſide: *pupa* folliculate yellowiſh.

Plumbella. Upper-wings lead-colour with a brown tip ſpot in the middle and numerous dots.
Inhabits *Auſtria. Wien. Verz.* 139, 34.

* *Lambella.*

*Lamdella. Upper-wings yellow-brown with a dark triangular ſpot terminated by a detached ſmall dot.
Inhabits *England*. *Donovan*. ii. *tab*. 57. *fig*. 1.
Lower-wings blueiſh with a deep fringe.

*Sequella. Upper-wings white with a common ſinuate flexuous black line and lateral ſpots.
Inhabits *Europe*. *Clerk. phal. tab*. 10. *fig*. 14.

Nitidella. Upper-wings ſilvery with a brown line at the baſe and common dorſal curve..
Inhabits *Auſtria*. *Wien. Verz*. 137, 58.

*Semiargentella. Upper-wings ſilvery with gold bands croſſing each other in the middle.
Inhabits *England*. *Donovan*. ii. *tab*. 57. *fig*. 2, 3.
Lower-wings grey-brown with a deep fringe.

Cornella. Wings ſnowy with a brown-gold band and numerous dots.
Inhabits *Saxony*. *Wien. Verz*. 141, 66.
Antennæ varied with white and black: *lower-wings* brown.

*Irrorella. Wings yellow; upper-pair with 3 rows of black dots: thorax fulvous before and behind.
On various Lichens. *Clerk. phal. tab*. 4. *fig*. 5.
Larva hairy black with yellow dorſal rhombic ſpots and oblong lateral ones.

Roycidella. Wings yellow, upper-pair with black dots, lower-ones with black ſpots: thorax black.
Inhabits *Auſtria*. *Wien. Verz*. 68, 7.
Body black, tail fulvous.

Puſtulella. Upper-wings black with numerous ferruginous and yellow dots.
Inhabits——*Cramer*. 31. *tab*. 372. L.
Lower-wings paliſh with a black border.

Perlella. Wings cinereous with a black dot in the middle and abbreviated ſtreak of them behind.
Inhabits *Auſtria*.

Linetella. Wings whitiſh with brown lines, the tip with 2 brown ſtreaks.
Inhabits *Italy*. Tinea rorella. *Linn. Syſt. Nat*. 2.
Hind-margin of the *wings* with a ſilver fringe.

Lutarella. Wings above yellow immaculate; upper-pair with a brown border beneath
Inhabits *Europe* *Clerk. phal. tab.* 4. *fig.* 9.
Larva hairy blueiſh with black dots and abbreviated yellow and white bands.

Arbustella. Upper-wings yellowiſh poliſhed: body and lower-wings ſilvery; tail bearded white.
Inhabits *Germany.* *Head* and *thorax* ſilvery.

* *Meſomella* Upper-wings pale with a yellow margin and 2 brown dots.
Inhabits *Europe.* *Clerk, phal. tab.* 4. *fig* 14.

* *Guttella.* Wings black with numerous white dots on the upper-pair: head ferruginous.
Inhabits *Europe* *Hybn. Beytr* 1. *tab.* 3. Q.
Antennæ pectinate: *thorax* black with 4 ferruginous dot each ſide: dots on the *wings* 1,2,3,3. and numerous ſmall ones at the tip: *lower-wings* and *abdomen* black.

Vitella. Wings pale with a broad green fillet.
Inhabits *East India.*
Body pale yellowiſh: *lower-wings* white, the hind-margin a little browniſh.

Oxycantella. Wings clouded brown with a whitiſh ſtreak in the middle and hind-margin.
Inhabits *Europe,* on the Oxycantha.

Viretella. Upper-wings brown with 3 ſilvery lines, the middle-one longer and interrupted.
Inhabits *Dreſden*
Feelers as long as the thorax; *lower-wings* black, very thin and deeply fringed.

Argyrella. Wings ſtriate ſilvery with a brown gloſs.
Inhabits *Auſtria.* *Wien Verz.* 135, 28.
Head and *thorax* ſilvery: *lower-wings* cinereous.

* *Pinetella.* Upper-wings yellowiſh-brown with 2 clear white ſpots ſeparated by a blackiſh band.
Inhabits *Europe.* *Donovan.* viii. *tab.* 263, *fig.* 1.
Lower wings brown with a pale margin.

* *Pratella.* Upper-wings cinereous with a clear white line branched behind, the tip with oblique ſtriæ.
Inhabits *Europe.* *Clerk. phal.* 3, 14.

* *Faſciella.*

*Paſcuell. Wings cinereous with a clear white line, hind-margin dotted with black.
Inhabits *Europe*. *Hybn. Beytr.* 2. *tab.* 4. U.

*Culmella. Wings cinereous with a ſingle abbreviated clear white line.
Inhabits *Europe*. *Reaum. Inſ.* 1. *tab.* 17. *fig.* 13. 14.

Margaritella. Wings brown with a ſingle clear-white line.
Inhabits *Auſtria*. *Hybn. Beytr.* 2. *tab.* 4. Z.

Conchella. Upper-wings brown with a ſingle interrupted clear white line.
Inhabits *Auſtria*. *Wien. Verz.* 134, 6.

Faſſella. Upper-wings variegated with brown and white; lower-ones cinereous.
Inhabits *Saxony*. *Wien. Verz.* 134, 16.
Upper-wings with ſhort faint brown and white ſtreaks.

*Argentelia Wings and body ſilvery: antennæ annulate with brown.
Inhabits *Europe*. *Wien. Verz.* 134 11.
Larva gregarious brown: *pupa* folliculate red-brown.

Nivella. Wings and body ſhining ſilvery: antennæ the ſame colour
Inhabits *Eaſt India*.

Trifſella. Upper-wings grey-brown immaculate.
Inhabits *Austria*. *Wien. Verz.* 134, 17.
Body grey brown: *lower-wings* cinereous.

*Carnella. Upper-wings roſe-colour with yellowiſh anterior and poſterior margins.
Inhabits *Europe*. *Donovan.* v. *tab.* 153. *fig.* 5.

Daphnella Upper-wings cinereous, the rib unequally purpliſh, in the middle 2 ſubocellar black dots.
Inhabits *Auſtria*; *Wien. Verz* 136. 7.
Head and *thorax* whitiſh: hind-margin of the *upper-wings* dotted with black: *lower-wings* cinereous.

Hortella Upper-wings grey with a teſtaceous ſtreak in the middle, the rib uneqully teſtaceous.
Inhabits *Lapland*.

Upper-wings

Upper-wings grey ſpeckled with brown, the hind-margin with ſilvery fringe.

Strigella Upper-wings yellowiſh-aſh with a marginal ſilvery ſtreak.
Inhabits *Germany*. *Wien. Verz.* 124. 8.
Lower-wings grey-brown with a marginal ſilvery ſtreak.

Barbella Wings cinereous ſtriate with brown; feelers projecting, as long as the antennæ.
Inhabits *Italy*.
Antennae pectinate. *lower-wings* brown.

Hattorfella Upper-wings grey the thicker margin white: feelers projecting thickened.
Inhabits *Germany*, *Wien. Verz.* 319. 65.
Upper-wings with 2 minute dots in the middle: *lower-wings* cinereous.

Mucronella Wings lanceolate cinereous with a brown fillet.
Inhabits *Auſtria*. *Wien. Verz.* 136. 45.
Feelers projecting: *lower-wings* whitiſh.

Teſſerella Wings teſſellate with brown and white; head pale teſtaceous.
Inhabits *Saxony*, *Lower wings* brown.

Nigrella. Wings brown; body black; abdomen rufous.
Inhabits *Denmark*.
Abdomen rufous at the ſides and tip.

Maurella. Upper-wings deep black; body blackiſh.
Inhabits *Auſtria*. *Wien. Verz.* 142. 11.

Quadrella Wings black with 4 white dots: body black; head and tail white.
Inhabits *Italy*.
Lower-wings dull cinereous: *legs* black annulate with white.

Atrella. Wings and body black bronzed; tip of the lower-ones and tail teſtaceous.
Inhabits *Italy*. *Legs* black.

Viduella Upper-wings black with 3 ſnowy bands, the middle one interrupted: head and thorax ſnowy.
Inhabits *Lapland*.
Abdomen black annulate with white.

Legu-

Lugubrella Upper-wings black with 2 white bands, the firſt abbreviated: head white.
Inhabits *Lapland.*
Thorax black: poſterior band lunate.

Variella. Upper-wings black with a white lineat the baſe 2 dots and 2 abbreviated bands.
Inhabits *Italy.*
Antennæ black: *head* and *thorax* ſnowy: *lower-wings* and all beneath duſky.

Anella Upper-wings grey with a faint ferruginous fillet and 2 central ſubocellar dots.
Inhabits *Auſtria.. Wien. Verz.* 135. 30.
Abdomen ferruginous: *lower-wings* cinereous.

Fagella. Upper-wings grey with brown ſtreaks and ſpecks.
Inhabits *Auſtria. Wien. Verz.* 134 34.
Male. Wings grey with a brown ſtreak before and behind and 2 dots in the middle. *Female. upper-wings* lanceolate darker ſpeckled with brown.

Cryptella Wings grey with a divided white line and waved ſilvery ſtreak behind.
Inhabits *Eaſt India.*
Lowerwings and all beneath ſnowy immaculate.

**Gramella* Wings cinereous with 2 angular brown ſtreaks and marginal ſilvery one
Inhabits *England*; ſmall.

Auricella Snowy; wings with teſtaceous ſtreaks: firſt joint of the antennæ with a projecting tuft of hairs.
Inhabits *Paris*, *Lower-wings* cinereous.

Circulella Snowy; wings deflected black with a common dorſal white fillet dilated behind at the outer margin.
Inhabits *Kiel. Antennæ* brown: *legs* white.

**Salicella* Wings blueiſh-grey, white in the middle, with black dots on the hind margin: thorax creſted
Inhabits *Europe. Wilks. pap.* 5. *tab.* 1. *a.* 10.
Larva naked 16-footed, brown dotted with white: *pupa* black before reddiſh behind.

Dorſella. Wings ſnowy, brown in the middle.
Inhabits *Cayenne. Body* ſnowy.

**Pusiella.*

**Pufiella* Wings blueiſh-grey with a black dot, fillet in the middle and contiguous rhombic ſpots
Inhabits *Europe*. *Sulz. Inſ tab.* 23 *fig.* 9.
Larva cinereous with black lines: *pupa* folliculate reddiſh-brown.

**Foenella.* Wings brown with clear white ſpots, the anterior one falcate, the poſterior kidney-ſhaped
Inhabits *Europe*. *Clerk. phal. tab.* 2. *fig.* 13.

**Cratægella.* Upper-wings whitiſh with 2 blackiſh bands and a third which is terminal.
Inhabits *Europe*. *Wien. Verz.* 142. 7.

Palumbella Upper-wings cinereous with 2 ferruginous bands edged with black.
Inhabits *Auſtria*. *Wien. Verz.* 148. 15.
Body grey: firſt band on the *wings* with 2 black dots in the middle and ſtreak behind, ſecond edged with a waved ſtreak behind: *lower-wings* cinereous.

Abietella Upper-wings browniſh with 2 pale ſtreaks and lunule in the middle.
Inhabits *Auſtria*. *Wien. Verz.* 138. 16.
Margin of the *upper-wings* dotted with black: *lower-wings* cinereous.

Tetricella Wings ſhining grey-brown immaculate.
Inhabits *Austria*. *Wien, Verz.* 138. 22.

**Tapezella* Wings black, white behind: head ſnowy.
Reaum Inſ. 3. *tab.* 20. *fig.* 12.
2. Wings and head brown. *Geoffr. Inſ.* 2. 188, 14.
Found in ſkins, where it gnaws cylindrical cavities and ſecretes itſelf.

Pulchella. Wings brown at the baſe, the tip a little gilt with brown ſtreaks, in the middle and at the tip a black dot: head ſnowy.
Inhabits *Denmark*, in Houſes.
Antennæ black: *head* ſnowy: *lower-wings* brown with a pale outer margin.

Inſectella Wings cinereous at the baſe and tipt with brown.
In various Inſects brought from *Africa*.
Lower-wings brown with a few faint reddiſh-brown ſpots.

Pellionella Wings grey with a black dot in the middle; head grey.
In woollen garments. *Reaum.* 3. *tab.* 6. *fig.* 12—16.

**Veſtianella.*

*Vestianella Wings cinereous with a white rib, the tips ascending and feathered.
In cloths and woollen furniture, to which it is very destructive.
Wien. Verz, 139. 40.

*Sarcitella Wings cinereous: thorax with a white dot each side.
Reaum. 3 *tab*, 6. *fig.* 9. 10. *Roes.* 1. *phal.* 4. *tab.* 17.
In skins cloths and woollen furniture.

*Stigmatella. Wings nearly linear ferruginous with a white costal spot.
Inhabits *England*; small compressed linear.
Antennae whitish: *legs* ferruginous tipt with white.

Limbella. Wings fringed whitish with a brown border and spots.
Inhabits *Germany*; small.
Head and *thorax* grey: *lower-wings* brown.

Flavifrontella. Upper-wings cinereous immaculate: head fulvous.
In Insects and feathers. *Wien. Verz.* 143, 22.

*Mellonella Wings grey, the hind part purplish with a white streak: scutel black tipt with white.
Donovan viii. *tab.* 283. *Roes.* 3. *tab.* 41.
Found in bee-hives where it insuates itself among the cells and subsists on the honey.
Larva naked 16 footed reddish-grey with a red head: *pupa* folliculate reddish-brown.

Cucullatella Wings silvery with a brown crescent on the back.
Inhabits *Europe*. *Roes Inf.* 1. *phal.* 4. *tab.* 11.
Larva hairy 14-footed brown, the back spotted with white: *pupa* folliculate obtuse brown.

Arcella. Wings snowy with a common brown curve and 2 marginal spots.
Inhabits *Germany*: small.
Head and *thorax* snowy: *upper-wings* with a few faint dots towards the tip: *lower-wings* and all beneath cinereous.

*Curtisella Upper-wings and thorax white spotted and speckled with brown; lower-wings and body pale brown.
Inhabits *England*. *Donovan*. ii. *tab.* 65. *fig.* 4.

*Maculella. Snowy; wings with a large black marginal spot and tip.
Inhabits *Paris*.
Head and *thorax* snowy; *antennæ* black: hind-margin of the *upper-wings* interrupted by black: *lower-wings* browniſh.

**Arbutella* Wings rufous with silvery streaks, the middle ones bifid.
Innabits *Northern Europe*, on the Arbutus.

**Marginella.* Upper-wings rufous with broad white margins.
Innabits *England*. *Donovan.* ii. *tab.* 58. *fig.* 2.
Body and *lower-wings* whitish.

**Tessella.* Wings black with 2 very remote tessellate bands.
Inhabits *Europe*. The bands white speckled with brown.

**Clematella* Upper-wings snowy with a black line at the base band in the middle and dot at the tip.
Inhabits *England*, on the Clematis.
Head brown : *thorax* snowy : *lower-wings* cinereous.

**Bicostella* Wings cinereous with a brown fillet : feelers projecting; antennæ hairy.
Inhabits *Europe*. *Clerk phal. tab.* 3. *fig.* 15.

**Pareuthesella.* Upper-wings testaceous with a longitudinal white line.
Inhabits *Europe*. *Wien. Verz.* 157, 52.

**Radiatella* Upper-wings yellow with dark purple stripes and a white one near the thinner margin.
Inhabits *England*. *Donovan.* iii *tab.* 77. *fig.* 3. 4.
Abdomen and *lower-wings* brown.

Ustalella Wings linear chesnut-brown, and appearing as if parched at the tip.
Inhabits *Italy*.
Antennæ as long as the body, annulate with white and black; *body* reddish brown : *lower-wings* and all beneath dusky.

**Elongella* Wings linear testaceous; antennæ moderate.
Inhabits *Europe*. *Wien. Verz.* 136. 51.

Hemedactylella. Wings linear pale testaceous with rufous specks.
Inhabits *Austria*. *Wien. Verz.* 144, 41.
Body and *lower-wings* brown.

Oleella. Wings fringed cinereous glossy immaculate.
In the kernels of the olive, which it eats into, and occasions the fruit to fall off before it is ripe.

Cylindrella Upper-wings linear brown with 3 yellow spots.
Inhabits *Hamburg*.

Head

Head yellowish: *antennæ* whitish: *thorax* brown, yellowish in the middle *lower-wings* yellow.

Strigella. Wings blackish, the tip deep black with an oblique white streak.
Inhabits *Italy*. *Body* black, front whitish.

Sinuella. Wings yellowish with 2 waved brown streaks.
Inhabits *Italy*. *Body* yellowish.

Punctella. Upper-wings linear-grey with 4 brown dots.
Inhabits *Europe*. *Wien. Verz.* 144, 40.

Undella. Wings grey-brown with a waved white line in the middle and band behind.
Inhabits *Germany*.

*Cinctella. Wings black; upper-pair with a silvery streak.
Inhabits *Europe*. *Wien. Verz.* 319. 97.

Funerella. Wings black, the thinner-margin white at the base with 2 black dots.
Inhabits *Austria*.
Head with a black dot: *thorax* white with 3 black dots: *lower-wings* black, white at the base.

*Leucat. Wings blackish with 2 white bands, the posterior one fainter; head white.
Inhabits *Europe*. *Hybn. Beytr.* 3. *tab.* 1. B.

Bifasciella. Wings shining brown with 2 white bands, the hinder interrupted; head rufous.
Inhabits *Denmark*. *Lower-wings* cinereous.

*Strobilel-la. Wings waved with brown and silvery; lower-ones brown edged with white
On the strobiles of the fir. *Clerk. phal. tab.* 12, *fig.* 10.

Striatella. Wings grey-brown: upper-pair with white lines: lower-ones fringed immaculate.
Inhabits *Austria*. *Wien. Verz.* 135. 26.

Pectinella. Wings grey with a whiter dorsal curve and dot.
Inhabits *Sweden*. *Female* darker.

4-punctella. Wings grey-brown with a marginal white dot.
Inhabits *Hamburg*; small.
Lower-wings and all beneath cinereous.

4punctella Wings brown with 2 whitiſh dots.
Inhabits *Germany*. *Wien. Verz.* 140. 60.

10-guttella Wings gloſſy-black with 5 ſnowy dots, 2 of them common: head fulvous
Inhabits *Paris*; ſmall.
Thorax black: *lower-wings* brown: *legs* white.

8-punctella. Wings ſhining-black with 4 ſnowy dots.
Inhabits *Saxony*.
Head and *thorax* whitiſh: *lower-wings* black.

**Dodecella* Grey dotted with black; wings with pale bands and 3 pair of brown dots.
In the ſhoots of the pine. *Degeer.* 1. *tab.* 22. *fig.* 22. 23.
Larva 16 footed ſmooth ferruginous: *papa* folliculate conic ferruginous.

**Viridella* Wings greeniſh with white dots and 2 interrupted chesnet-bands.
Inhabits *England* In the Collection of Mr. *Francillon*.
Body black: head ferruginous.

Antennella Wings gloſſy-black immaculate; antennæ yellow.
Inhabits *Italy*; ſmall.

**Combrella* Wings brown thickly ſpeckled with whitiſh.
Inhabits *Europe*, on the Pine. *Wien. Verz.* 186, 39.

Obſcurella Wings obſcure brown ſhining immaculate.
Inhabits *Sweden*; ſmall.

**Fuſcella.* Wings grey-brown with 2 black dorſal dots.
Inhabits *Europe*, in Gardens.

3-punctella Wings cinereous with 3 brown dots on the diſk.
Inhabits *Auſtria*.
Head thorax and *tail* ferruginous: dots on the *wings*. 2, 1. the hind-margin dotted with black,

6-punctella Wings cinereous with brown bands and 3 black dots.
Inhabits *Italy*. *Body* black.
Hind-margin fringed and terminate by black dots.

Lacteella. Wings clear white with a brown hind-margin.
Inhabits ſhrubs of *South America*.
Body ſnowy: *antennæ* annulate with white and black: *head* ſnowy with fulvous down on the nape.

**Cinerella*

Cinerella Wings grey-brown glossy immaculate.
Inhabits *Europe*. *Wien Verz.* 138. 25.

Bractella Wings black with a sulphur base and marginal spot.
Inhabits *Europe*. *Clerk. phal. tab* 12. *fig.* 4.
Antennæ black, white before the tip.
Larva slightly hairy 14-footed, *head* and *tail* brown: found under the bark of the *Carpinus*.

Cuspidella. Upper-wings black with a yellowish dot and 2 lunules.
Inhabits *Austria*. *Wien. Verz.* 140, 58.
Body black: *lower-wings* fringed black.

Dimidiella Upper wings brown with a yellowish-disk in which is a subocellar black dot,
Inhabits *Austria*. *Wien. Verz.* 141: 73.
Head and *thorax* yellow: *abdomen* brown.

Trigonella Wings brown with a common white dorsal double triangular spot.
Inhabits *Europe*, in gardens and hedges.

Muscalella Wings brown with 2 white dorsal spots: head fulvous: antennæ pectinate.
Inhabits *Austria*. *Wien. Verz.* 143, 28.

Rhomboidella. Wings brown with a black rhombic spot.
Inhabits woods of *Europe*.

Gemmella Wings clouded black and silvery; head white.
In the leaves of the Oak. *Clerk phal. tab.* 10. *fig.* 10.

Capitella Wings brown with 3 yellowish spots: head ferruginous.
Inhabits *England*, *Udm. Dissert.* 79. ?

Rupella. Wings gold-brown with 4 white marginal spots: head ferruginous
Inhabits *Austria*. *Wien Verz.* 320. 45.

Prælatella Wings violet with a white streak and 2 opposite dots.
Inhabits *Austria*. *Wien. Verz.* 320. 46.
Head ferruginous.

Sulphurella Brown; head thorax base of the wings and costal spot sulphur.
Inhabits *Germany*.
Wings with a costal sulphur spot at the base surrounded with a blue ring, the tip whitish.

Compositella.

**Compoſitella.* Wings brown with a common ſilvery dorſal ſpot compoſed of 4 ſtreaks.
Inhabits *England*; ſmall.
Antennae black: *front* white: outer-margin of the *wings* with ſilvery ſtreaks.

**Minutella.* Wings black with 2 ferruginous ſpots nearly oppoſite.
Inhabits *Europe*. *Wien. Verz.* 140, 50.
Head hairy ferruginous.

Sepulchrella Wings flat black immaculate: body white.
Inhabits *America*, very ſmall
Head and *thorax* ſnowy, the ſides black: *legs* black.

Oliviella. Wings gold-black with a yellow ſpot at the baſe and band in the middle.
Inhabits *Paris*.
Antennæ black, white before the tip: *lower-wings* black, the rib whitiſh at the baſe.

**Petivérella.* Wings greyiſh with a yellow dorſal patch and 3 black dots at the tip.
Inhabits *Europe*. *Clerk. phal. tab.* 12. *fig.* 11.

Fulvella. Wings gloſſy-black with 2 fulvous ſpots.
Inhabits *Germany*; ſmall, *body* black.

**Liſterella.* Wings grey-brown with black dots at the tip: antennæ moderate, annulate with white.
Inhabits *Europe*. *Wien. Verz.* 139, 30.

**Aleella.* Snowy; upper-wings ſpotted with black.
Inhabits *England*. In the collection of Mr. *Francillon*.
Lower-wings brown, deeply fringed.

Knochella. Wings brown-gold with an abbreviated ſnowy line and dot at the tip.
Inhabits *Germany*, on the Thymus ſerpillus.
Body brown: *lower-wings* black, deeply fringed.

Fyeſtella. Wings gold with faint ſilvery bands, angle of the tail with a black ſpot in which are 3 ſilvery dots.
Inhabits *Germany*.
Upper-wings with a black ſpot at the tip: *lower-wings* cinereous immaculate.

Geoffroyella.

Geoffroyella Wings yellowiſh with ſilvery ſtreaks and 2 marginal ſulphur dots: antennæ moderate.
Inhabits *Southern Europe.*

Fabricella. Wings gold with ſilvery ſpots and dots: lower-ones fulvous.
Inhabits *Eaſt India*; large.
Head ſnowy with a ferruginous collar: *thorax* ſnowy with a fulvous croſs.

Deniſella. Wings browniſh with a white line and band.
Inhabits *Auſtria. Wien. Verz.* 138, 23.
Upper-wings with 2 white lines at the baſe, broad band in the middle bifid at the thicker margin and oblique ſhort ſtreak towards the tip: *lower-wings* blackiſh.

**Mouffetella.* Wings pointed livid with oblong brown ſpecks: antennæ ſhort, annulate with white.
Inhabits *Europe. Wien. Verz.* 140. 51.

**Albinella.* Wings brown with a ſingle gold curve turned upwards.
Inhabits Shrubs of *Europe.*

**Seppella.* Wings gold with 2 ſilvery ſtreaks.
Inhabits *England*; very ſmall, black.
Antennæ ſhort: *lower-wings* ſhining-gold.

Eſperella. Wings cinereous with 3 abbreviated ſilvery ſtreaks and 2 lines at the tip edged with brown.
Inhabits *Africa.* In the muſeum of *Sr. Joſ. Banks.*
Antennæ ſhort: *body* grey hairy.

Goedartella Wings gold with 2 ſilvery bands and 3 dots.
On the buds of the Birch. *Clerk. Phal. tab.* 12. *fig.* 14.

**Meriana-ella.* Wings black with 3 tranſverſe divaricate ſilvery bands.
Inhabits *Europe. Reaum. Inſ.* 1. *tab.* 17. *fig.* 12.

Allionella. Wings copper-gilt with 2 yellow bands and ſpot at the tip.
Inhabits *Italy. Body* black.

Wilkella. Wings black with 4 ſilvery curved bands, the third ſtraight.
Inhabits *Europe*, on the Elm. *Reaum.* 3. *tab.* 4. *fig.* 8.

Schiefferm-yllerella. Wings gilt with 3 ſilvery-black ſtreaks, the third bifid at the thicker margin.
Inhabits *Hamburg.*
Head and *thorax* black with a gold margin: *antennæ* and *legs* black annulate with white.

Bergſtræſſ-

Bergstræſſella. Wings flat gilt with a black border and numerous ſilvery dots.
Inhabits *Germany*.

Schulzella. Wings gilt with 2 oppoſite marginal lines of ſilvery dots, the rib black.
Inhabits *South American Iſlands*; ſmall.
Head and *thorax* black: *abdomen* gilt: *lower-wings* black.

**Lyonetella* Wings yellow with 4 ſilvery bands, the third biſid above.
Inhabits *Europe*. The laſt band marginal.

**Bonnetella* Wings white with 2 ſilvery bands and waved behind.
Inhabits *Europe*, in gardens and hedges.

**Schæfferella.* Wings orange with ſilvery dots and band in the middle, the tip fringed with black.
Inhabits *Europe*. *Donovan* v. *tab.* 175.
Body and *lower-wings* blackiſh.

**Scopolella.* Wings black with ſcattered white dots: antennæ annulate with white.
Inhabits *Europe*. *Wien. Verz.* 138, 12.

Stræmella. Wings black with 4 ſilvery dots and 4 yellow marginal ſpots.
Inhabits *Norway*.
Antennæ black tipt with white: *lower-wings* black.

**Gleichella* Wings flat black with a ſilvery band in the middle and 2 oppoſite ſpots at the tip.
Inhabits *England*. *Wien. Verz.* 144, 34.
Body black with a ſilvery gloſs: *lower wings* cinereous.

Cydoniella. Wings gilt with a white line at the baſe and 4 pair of dots.
Inhabits *Auſtria*. *Wien Verz.* 144, 35.

Sparrmannella. Wings gloſſy-violet with numerous gold dots and a larger one at the thinner-margin.
Inhabits *Paris*. *Linn Tranſ.* i. 197. *tab.* 17. *fig.* 6, 7.
Lower-wings and all beneath gold-violet.

**Rhediella.* Wings black, the tip fulvous with interrupted ſilver ſtreaks.
Inhabits *Europe*. *Clerk. Phal. tab.* 12. *fig.* 12.
Lower-wings black edged with white.

Hermannella.

Hermannella. Wings gilt with a ſilver ſtreak at the baſe and 3 lines on the diſk, the tip brown.
Inhabits *Hamburg*; ſmall. *Lower-wings* brown.

**Roeſella.* Wings black-gilt with 9 ſilvery convex ſubmarginal dots.
Inhabits *Europe*. *Clerk. phal. tab.* 12 *fig* 13.
Larva 14-footed yellow with a teſtaceous head: *pupa* naked oblong reddiſh-brown.

**Leuwenhockella.* Wings gilt with a ſilvery ſtreak at the baſe and 4 oppoſite dots.
Inhabits *Europe*. *Wien. Verz.* 141, 7.
Antennæ black, white before the tip.

**Myllerella* Wings gilt with 2 ſilver ſtreaks at the baſe and 3 lines near the tip.
Inhabits *Europe*; ſmall.

**Linneella.* Wings brown-gilt with 4 raiſed ſilvery dots.
Inhabits *Europe*. *Clerk. phal. tab.* 12. *fig.* 8.
Antennæ white at the tip.

**Rayella.* Wings gilt with 7 ſilvery ſpots, the ſecond and third united.
Inhabits *Europe*. *Degeer Inſ.* 1. *tab.* 31. *fig.* 11, 12.
Larva pale, head with a teſtaceous dot each ſide: *pupa* oblong with a toothed ſpine, within a follicle covered on the outſide with its excrements.

**Scbrebella.* Wings gilt with 2 ſilvery bands at the baſe and 2 ſpots at the tip.
Inhabits *England*; ſmall, poliſhed.

Klemannella. Wings gilt with 4 ſilver ſtreaks, the 2 hind-ones interrupted, and a terminal black dot.
Inhabits *Hamburg*; ſmall.

Thunbergella. Wings gilt with a purple ſpot at the tip.
Inhabits *France*. *Body* ſmall yellow.
Upper-wings with a purple patch at the baſe: *lower-wings* gilt immaculate.

**Harriſella.* Wings ſilvery-gilt, the tip obtuſe parched and ſubocellate.
Inhabits *Europe*.

Druryella. Wings ſilvery-brown with a gold band behind.
Inhabits *Germany*.

Antennæ as long as the body. black tipt with white: the gold band terminated each ſide by a clear ſilvery ſtreak.

**Cranerella.* Wings ſilvery with oblique marginal brown lines and a black dot at the tip.
Inhabits *England*, very ſmall.

Hortella. Wings ſhining ſilvery with 3 yellow bands, the third interrupted, and a black line at the tip.
Inhabits *Paris*. *Body* ſmall ſnowy.

**Blancardella.* Wings gilt with a ſilvery line at the tip and 7 marginal ſpots.
Inhabits *England*; ſmall.
Antennæ above brown, beneath ſilvery: *thorax* gold with a ſilver border: *lower-wings* ſilvery.

Forſterella. Wings brown-gold with a ſilvery dorſal curve and marginal lines, at the tip a black ſpot with a ſilvery pupil.
Inhabits *Hamburg*; ſmall.

Syringella. Wings gilt with various white ſtreaks, the hind-ones edged with black.
Inhabits *Germany*, on the Syringa.
Body ſmall cinereous: *antennae* as long as the body.

Fibulella. Wings red-gold with a common yellow ſpot.
Inhabits *Auſtria*. *Wien. Verz.* 143, 33. minute.

Exiguella. Upper-wings grey varied with brown and cinereous, with a white ſtreak.
Inhabits *Austria*. *Wien. Verz.* 143, 21. minute.

Aurella. Wings gilt, behind black with a ſilvery band.
Inhabits *Germany*. *Wien. Verz.* 142, 9.
The leaſt of its genus. *Head* white, front ferruginous.

Clerkella. Wings ſilvery, ſlightly tailed behind with brown ſtreaks and a black dot.
Inhabits *Northern Europe*; very minute.
Body ſilvery: *abdomen* brown: *lower-wings* ſilvery. Beneath browniſh.

**Lichenella* Apterous, ſmooth, black.
On various Lichens. *Degeer.* 2. *tab.* 11. *fig.* 1—3.
Larva 16-footed ſmooth grey thickened behind, incloſed in a triangular priſmatic follicle made of agglutinated ſand.

Alucita.

Alucita. Tinea, *Gmelin.*

Xyloſtella. Wings grey-brown with a common ſinuate white dorſal fillet.
Inhabits *Europe*. *Roes. Inſ.* 1. *phal.* 4. *tab.* 10.

Capitella. Wings black with a white ſinuate dorſal fillet and 2 marginal dots.
Inhabits *American Iſlands*.
Thorax ſnowy, the ſides black: *antennæ* black: *lower-wings* brown.

Ephippella. Wings pale gold with a ſnowy dorſal fillet in which is a gold band.
Inhabits *Europe*. *Wien Verz.* 141, 75.

Dentella. Wings brown, the tip grooved with a common white 1-toothed fillet.
Inhabits *Europe*. *Wien. Verz.* 136, 50.
Head and *thorax* ſnowy, ferruginous at the ſides.
Larva glabrous green with a purple dorſal line: *pupa* yellow, in a fuſiform follicle open at each end.

Sylvella. Wings yellow-gilt with 2 oblique brown bands.
Inhabits *Germany*.

Nemorellæ. Wings yellowiſh-green; upper-pair with 2 abbreviated dorſal darker ſtreaks.
Inhabits *Paris*.
Head and *thorax* yellowiſh-green: *upper-wings* with a few ſmall black dots at the baſe and tip: *lower-wings* brown.

Lucella. Wings yellow immaculate: head and thorax ſnowy.
Inhabits *Sweden*, *Wien. Verz.* 135, 19.

Alpella. Wings yellow with olive ſpots: head aud thorax yellow.
Inhabits *Auſtria*. *Wien. Verz.* 135, 21.

Flavella. Wings brown-gold with an abbreviated yellow fillet and ſpot.
In old oak wood: *Wien Verz.* 140, 1.
The *larva* remains 3 years before its metamorphoſis.

Vittella. Wings cinereous with a black dorſal fillet and hind-margin.
Inhabits *Germany*. *Clerk. phal. tab.* 3. *fig.* 10.

Nyctemerella. Upper-wings snowy with a common dorsal indented black band and costal spots.
Inhabits *Austria*. *Wien. Verz.* 130. 38.
Head and *thorax* white: *upper-wings* with a blackish patch at the base, in the middle a large spot with a white dot, then a transverse and nearly double spot and line at the tip: *lower-wings* brown.

Maculella Upper-wings brown-gold with a snowy costal spot at the base.
Inhabits *Saxony*. *Body* white; *lower-wings* cinereous.

**Marginella.* Upper-wings pale brown with snowy margins.
Inhabits *England*. *Donovan.* ii. *tab.* 58 *fig.* 2
Head snowy: *antennæ* brown: *lower-wings* whitish.

Echiella. Wings brown with a common indented white band: thorax snowy with 2 black dots.
Inhabits *Germany*. *Hybn. Beytr.* 4 *tab.* 1. B.
Abdomen yellow: *upper-wings* with a streak of black dots at the tip: *lower-wings* white.
Larva black with a fulvous dorsal line dotted with black, a fulvous one on the sides, all edged with white.

**Granella* Wings varied with white and black: head snowy.
Reaum Inf. 3 *tab.* 20 *fig.* 14. 16. *Baker. Micr. t.* 13 *f.* 13.
Found in corn-lofts, where it devours the grain and causes it to cling together; in winter crawls up the walls.
Larva 16-footed naked white with a reddish head: *pupa* follicular chesnut-brown.

Betulinella Wings whitish, the tip varied with brown.
Inhabits *Sweden*, on the Boletus betulinus.

**Nivella* Wings snowy with a black band between 2 marginal spots: head white.
Inhabits *England*. *Lower-wings* cinereous.

Lapella. Wings pale with a black dot, the tip ascending.
Clerk. Phal tab. 11. *fig.* 5. *Wien. Verz*, 142. 12.
In the heads of the *Burdock*, among the seeds.

Perticella. Upper-wings emarginate sulphur with abbreviated darker streaks.
Inhabits *Austria*. *Wien. Verz* 319. 67.
Head and *thorax* yellow; *abdomen* cinereous; *lower-wings* cinereous fringed with white.

Variella

Variella. Upper-wings black ſpotted with yellow.
Inhabits *Saxony*
Body and *lower-wings* black.

**Aſperella.* Upper-wings emarginate at the tip, whitiſh with 2 common blackiſh ſpots.
Inhabits *Europe. Wien. Verz.* 136. 46.

Derſella. Upper-wings cinereous ſpeckled with brown, a common whitiſh patch in the middle with 2 black dots.
Inhabits *Saxony. Lower-wings* cinereous.

**Cygnella.* Snowy; wings reddiſh-gold with a white coſtal ſpot at the baſe dotted with brown.
Inhabits *England.*
Upper-wings with a white mark at the angle of the tail: *lower-wings* cinereous immaculate.

Colutella. Wings yellow, the outer and inner margins ſnowy.
Raum. Ins. 3. *tab.* 11. *fig.* 1—4.
Inhabits *France*, on the Colutea arboreſcens; forms an incurved follicle of the bark.
Head and *thorax* ſnowy: *antennae* black annulate with white: *lower-wings* black deeply fringed.

Barbarella. Snowy; wings black with a ſnowy outer-margin.
Inhabits *Barbary.* Alucita lacteella, *Fabric. n.* 25.
Abdomen and *Lower wings* black: *legs* white.

Muſcella. Wings teſtaceous with a large ſnowy coſtal ſpot.
Inhabits Woods of *Germany*: ſmall.
Head yellow: *lower-wings* cinereous.

**Scabrella.* Wings grey-brown with black raiſed rough dots.
Inhabits *Europe. Wien. Verz.* 319. 68:
Upper-wings emarginate at the tip.

**Argiolella.* Whitiſh; wings with a ſilvery line.
Inhabits *Europe. Body* round linear.

Candidella. Wings ſlightly tailed, teſtaceous with a brown line behind.
Inhabits *Southern Europe.*

Enzenbergella. Wings emarginate brown with a ſilvery fillet in the middle.
Inhabits *Austria. Lower-wings* cinereous.
In the fillet are a few brown lines.

Swam-

**Swammerdammella.* Wings pale immaculate: antennæ very long.
Inhabits *Europe*. *Clerk. phal. tab.* 12. *fig.* 1.

Panzerella Wings pale minutely reticulate with brown: head fulvous; antennæ white and very long.
Inhabits *Italy*. *Lower-wings* cinereous.

Pilella. Wings browniſh immaculate; antennæ very long.
Inhabits *Austria*. *Wien. Verz*, 142. 6.
Antennæ whitiſh, yellowiſh at the baſe.

**Robertella* Wings brown, angle of the tail white; antennæ very long.
Inhabits *Europe*; ſmall.

**Friſchella* Wings brown-gold; antennæ moderate tipt with white.
Inhabits *Europe*. *Wien. Verz.* 319. 82.

Erxlebella. Upper-wings brown-gold; lower-ones black: head fulvous: antennæ moderate.
Inhabits *Gottingen*. *Antennæ* paliſh.

**Calthella* Black; upper-wings gold head ferruginous.
On the flowers of the *Caltha palustris*.

Paykullella Wings reddiſh-coppery, the baſe band in the middle and ſpot at the tip yellow-gold.
Inhabits *Italy*; minute,
Antennæ ſhort black: *head* fulvous: *lower-wings* brown.

Promulella Upper-wings brown-gold; lower-ones yellow edged with black; antennæ moderate.
Inhabits *Austria*. *Wien. Verz.* 142, 17.

**Degeerella* Wings black-gold ſtriate with yellow, in the middle a yellow band; lower-wings brown: antennæ very long.
Inhabits *Europe*. *Donovan.* viii. *tab.* 267. *fig.* 1. 2.
The yellow lines on the *upper-wings* are ſometimes wanting.

**Podella.* Wings black-gold ſtriate with yellow, in the middle a pale band; lower-ones purple; antennæ very long.
Inhabits *Europe*. *Donovan.* viii. *tab.* 267. *fig.* 3, 4,

**Sulzella.* Wings black-gold with a gold band: antennæ very long.

Inhabits

Inhabits *Europe*. *Wien. Verz.* 123, 24.
Probably the ſame or a variety of the laſt.

Vindella. Wings green-gold; body black: antennæ long white.
Inhabits *Auſtria*. *Wien. Verz.* 142. 4.

**Reaumerella.* Wings black, bronzed outwardly; antennæ very long.
Inhabits *Europe*. *Wien. Verz.* 143. 22.
Antennæ white, black at the baſe.

Cubrella. Wings ſhining red-copper: antennæ very long.
Inhabits *Auſtria*. *Wien. Verz.* 330. 44.

**Faſciella* Wings gilt with a brown band: antennæ tipt with white.
Inhabits *England*. *Wien. Verz.* 142. 20.

**Sulphurella.* Upper-wings gilt with 2 oppoſite ſulphur ſpots; lower-ones yellow.
Inhabits *England*.
Antennæ moderate black: *thorax* brown.

Formoſella Upper-wings ferruginous-yellow with 2 oblique abbreviated white ſtreaks, the hinder-one larger.
Inhabits *Auſtria*, *Wien. Verz.* 140, 47.
Antennæ annulate with white: *upper-wings* varied with yellow and ferruginous: *lower-wings* brown.

Dentella. Wings dull cinereous with an indented brown fillet in the middle.
Inhabits *American Iſland*.
Body ſmall cinereous: *legs* white.

Parvella. Wings dull cinereous with 2 brown coſtal ſpots.
Inhabits *American Iſlands*. *Wings* incumbent.

Minutella. Wings whitiſh with 3 brown bands.
Inhabits *American Iſlands*: ſmall.

Feſticella. Upper-wings whitiſh with 2 brown ſpots, the tip yellow.
Inhabits *Auſtria*. *Wien. Verz.* 319, 80. Small.
Head ſnowy: *lower-wings* brown.

**Oppoſitella* Wings brown with 2 yellow oppoſite ſpots; lower-ones brown.
Inhabits *England*. *Wings* incumbent.

Pterophorus. *Alucita of Gmelin.*

**Monodactyla.* Wings expanded linear undivided.
Inhabits *Europe*. *Reaum, Inſ.* 1. *tab.* 20. *fig.* 12—16.

Ochro-

Ochrodactyla. Wings expanded linear undivided ; upper-pair grey, lower-ones black.
Inhabits *Austria*, *Wien. Verz.* 145. 1.
Abdomen reddish at the base : *wings* immaculate.

**Didactyla* Wings cleft, red-brown with white streaks, upper-pair bifid.
Inhabits *Europe*. *Merian. Eur. tab.* 22. *Schaff. Ic. t.* 93. *f.* 7.
Larva 16 footed falciculate green : *pupa* elongated with 2 dorsal lines of 4-spined tubercles.

Calodactyla Wings cleft brown ; upper-pair subfalcate with fulvous spots ; lower-ones 3-parted
Inhabits *Austria*. *Wien Verz.* 146. 4.
Upper-wings grey-brown, the tip darker with a large fulvous spot, the inner margin indented : *lower-wings* black : *legs* annulate with white.

Leucodactyla. Wings cleft; upper-pair bifid, cinereous spotted with white: lower-ones trifid : legs white.
Inhabits pastures of *South America*.
Body brown spotted with white : *lower-wings* brown.

Tridactyla Wings cleft ; upper-pair bifid white ; lower-ones 3-parted brown.
Inhabits *Europe*. *Act. Soc. Nat. Hist. Berol.* 3. *t.* 1. *fig.* 8.

Rhododactyla. Wings cleft yellowish with white streaks ; upper-pair bifid, lower-ones trifid.
Inhabits *Saxony*, *Wien. Verz.* 146. 5.
Two anterior rays of the *lower-wings* yellowish, the third white with a ferruginous spot before the tip : *body* ferruginous : sides of the *thorax* yellowish.

**Tesseradactyla.* Wings expanded cleft clouded with cinereous ; lower-ones clouded with brown.
Inhabits *Europe*. *Wien. Verz.* 146. 7. ?

**Pterodactyla.* Wings extended cleft, testaceous with a brown dot.
Inhabits *Europe*. *Hybn. Beytr*, 1. *tab.* 4. U.
Larva slightly hairy blue with a purple dorsal line.

Albodactyla Wings snowy ; upper-pair cleft spotted with brown ; lower-ones 3-parted immaculate.
Inhabits *France* ; small.

Migadac-

Migadactyla. Wings cleft whitiſh ſpotted with brown; upper-pair cleft, lower-ones 3-parted brown.
Inhabits *Austria*. *Wien. Verz.* 146. 8.
Legs white ſpotted with brown.

*Pentadactyla. Body and wings ſnowy; upper-pair bifid, lower-ones 3-parted.
Inhabits *Europe*. *Donovan.* iv. *tab.* 110. *Ammir. tab.* 23.
Larva 16-footed hairy green with black dots and a white dorſal line: *pupa* hairy green dotted with black.

*Hexadactyla. Wings cleft cinereous ſpotted with brown, all of them 6-parted.
Donovan iv. *tab.* 136. *Harris. Inſ. tab.* 2. *fig.* 7.
Inhabits *Europe*, on the Lonicera Xyloſteum or Honey-ſuckle, and is a moſt elegant and beautiful inſect. It often flies in at our windows in a ſtill evening.

ORDER IV. NEUROPTERA.

Wings 4, *reticulate with veins: tail unarmed.*

74. LIBELLULA. *Mouth* armed with jaws, more than 2 in number; lip trifid: *antennae* very thin, filiform, and shorter than the thorax: *wings* expanded: *tail* (of the male) furnished with a forked process. *Dragon-fly.*

This is an extremely ravenous tribe and are generally seek hovering over stagnant waters: the *larvae* are 6-footed, active inhabitants of the water, furnished with an articulate forcipated mouth; and prey with the most rapacious forceity upon aquatic insects and the larvæ of others: the *pupa* resembles the larva but has the rudiments of wings.

A. *Wings expanded when at rest.*

a. *Dorsal division of the lip very minute.*

4-maculata. Lower-wings at the base and all in the middle on the fore part with a blackish spot: abdomen depressed downy.
Inhabits *Europe*. *Reaum. Inf.* 6. *tab.* 35, *fig.* 1. 2.

**Depressa* All the wings blackish at the base: abdomen depressed, yellowish at the sides.
Inhabits *Europe*. *Edwards. tab.* 333.
Male, *Abdomen* blue-grey with yellow sides.
Donovan iii *tab.* 81.
Female. *Abdomen* reddish brown with yellow marks.
Donovan. i. *tab.* 24.
Larva grey brown. *Donovan*. ii. *tab.* 44.

Trimaculata. All the wings hyaline with a ferruginous spot at the base and band in the middle.
Inhabits *Carolina*. *Degeer. Inf.* 3. *tab.* 26. *fig.* 2.

Bifasciata. Wings hyaline with a brown spot at the base and 2 bands
Inhabits *America*. *Drury. Inf.* 1. *tab.* 48. *fig.* 5.

Thorax

Thorax villous-brown with 2 yellow lines under the wings : *abdomen* depressed brown, the sides yellowish.

4-punctata. Wings white ; lower-ones black at the base with a yellow line ; all with a black dot : abdomen cylindrical.
Inhabits *America*.
Thorax downy greenish : *front* vesicular green : *abdomen* greenish at the base and blackish at the tip : all the *wings* with a black dot in the middle at the rib and a common oblong stigma at the tip.

*Flaveola. Wings pale yellow at the base.
Inhabits *Europe*. *Schaeff. Inf. tab*, 4. *fig.* 1.
Wings sometimes without the yellow spot.

Lineata. Wings white with a yellowish base and black band and tip ; abdomen yellow with a lateral black line.
Inhabits *India*.
Head and *thorax* yellow : *abdomen* compressed.

Stigmatizans. Yellowish ; wings with a brown spot, the tip brown with a snowy stigma.
Inhabits *New Holland*. In the Museum of Sir *Jos. Banks*.
Abdomen with black lines : *wings* hyaline.

Oculata. Yellowish ; upper-wings hyaline at the tip, lower-ones at the margin, with a snowy stigma.
Inhabits *New Holland* ; much resembles the last.

Indica. Wings varied with yellow and brown; and white at the tip, lower-ones with a blue spot at the base.
Inhabits *India* *Drury Inf* 2 *tab.* 46. *fig.* 1.
Body brown : tip of the *wings* hyaline.

Murcia. Bronzed ; wings whitish spotted with brown, lower-ones yellow at the base.
Inhabits *India*. *Drury. Inj.* 2. *tab.* 45. *fig.* 3.

Vesiculosa. Wings white ; elevated vesicular front and thorax yellow immaculate
Inhabits *America* ; large.
Abdomen cylindrical, the segments pale at the base and black at the tip, tail with cylindrical scales.

*Rubicunda. Lower-wings only blackish at the base : body square.
Inhabits *Europe*. *Roes. Inf.* 2. *aquat.* 2. *tab.* 7. *fig.* 4.

In one *ſex* the back is ſpotted with red, in the other with yellow.

**Vulgatiſſima.* Thorax yellow with 8 black ſtreaks.
Inhabits *Europe*. *Roeſ, Inſ.* 2. *aquat.* 2. *tab.* 5. *fig.* 3.

Obſcura. All the wings ferruginous: body duſky.
Inhabits *America*; ſize of L. flaveola.
Abdomen cylindrical: *wings* with an oblong brown marginal dot.

**Vulgata.* Wings hyaline immaculate; abdomen cylindrical rufous.
Inhabits *Europe*. *Roeſ. Inſ.* 2, *aquat.* 2. *tab*, 8.

Sibirica. Wings hyaline with a tranſverſe broad ferruginous band towards the tip: body reddiſh.
Inhabits *Sibéria*. *Lepech. It.* 1. *tab.* 4. *fig.* 8.

Sinuata. Wings flat, longitudinaly ſinuate and black on the thicker margin with a white ſtigma.
In the *Britiſh Muſeum*. *Body* blueiſh.

**Cancellata* Wings immaculate at the baſe; back and ſides of the abdomen interrupted by yellow.
Inhabits *Europe*.

Pedemontana. Wings flat cinereous with a brown band at the tip.
Inhabits *Italy*. *Sulz. Hiſt. Inſ. tab.* 24. *fig.* 1. ?
Small. *Body* obſcure yellowiſh.

Faſciata. Wings flat brown with a white ſtreak.
Inhabits *India*. *Degeer. Inſ.* 3. *tab.* 26. *fig.* 7.

Umbrata Wings flat with a brown band.
Inhabits *South America*. *Degeer. Inſ.* 3. *tab.* 26. *fig.* 4.

Serva. Wings flat white with an oblong black ſpot at the baſe and band in the middle.
Inhabits *China*; reſembles the laſt. *Body* cylindrical.

Notata. Wings flat with white ſpots and tip.
Inhabits *Africa*. In the muſeum of Sir. *Joſ. Banks*.

Dimidiata Wings flat and black from the baſe to the middle.
Inhabits *America*. *Degeer. Inſ.* 3. *tab.* 26. *fig.* 6.

Equeſtris.

Equeſtris Wings half black with a ſnowy band in the middle.
Inhabits *Africa*. In the muſeum of Sir *Joſ. Banks*.
Head brown with a yellow dorſal line: all the *wings* black from the baſe to the middle, then a ſnowy band, the tip hyaline with a common brown ſpot.

Fluctuans. Wings black tipt with white.
Inhabits *Eaſt India*; ſmall.
Body brown: *front* veſicular yellowiſh.

Nebuloſa Wings white tipt with black.
Inhabits *Eaſt India*; ſmall.
Body black: *mouth* yellow: ſides of the *thorax* and *abdomen* ſpotted with yellow: *tail* with yellow appendages.

Chineñſis Upper-wings faint teſtaceous; lower-ones green tipt with brown.
Inhabits *China*. *Edwards. tab.* 112.

Verſicolor Wings flat white with 3 black and 3 cinereous ſpots.
Inhabits *America*. In the muſeum of Dr. *Hunter*.
Head brown ſpotted with yellow: *thorax* brown with 2 yellow lines each ſide under the wings: *abdomen* brown.

Vibrans Wings flat white with a black ſpot in the middle, the tips ferruginous.
In the *Britiſh Muſeum*.

Americana Wings purpliſh with a white band; upper-pair tipt with white, lower-ones with a white line at the baſe.
Inhabits *India*. *Body* green.

Marginata Wings black; upper-pair with a white ſpot at the tip: lower-ones edged with white.
Inhabits *Africa*. In the muſeum of *Sr Joſ. Banks*.
Front blue: *eyes* brown dotted with yellow: *thorax* black: *abdomen* brown, whitiſh at the baſe.

Ferruginea Wings white, yellow at the baſe; body red.
Inhabits *China*. *Drury. Inſ.* 1. *tab.* 47. *fig.* 6.

Tomentoſa. Wings white: body downy variegated with brown and green.
Inhabits *America*; ſmall.
Front blue: *abdomen* cylindrical black, the ſegments with a greeniſh dot each ſide.

**Ænea.*

*Ænea. Wings hyaline: thorax green bronzed.
Inhabits *Europe*. *Schaeff. Icon. tab.* 113. *fig.* 4. *tab*, 182. *fig.* 1.

Cyanea. Wings white with a snowy spot terminated by a brown one: body blue.
Inhabits *America*. *Body* blue.

6 *maculata*. Wings with 3 black costal spots, the last with a snowy stigma; lower-ones with yellowish bands.
Inhabits *China*; small.
Head yellowish *thorax* yellowish with black lines: *abdomen* flat, yellowish with black lines.

Contaminata. Yellowish; wings whitish with a yellowish shade in the middle.
Inhabits *East India*; small.
Head yellowish, crown brown: *thorax* and *abdomen* yellowish.

Eponina. Wings yellowish with about 3 black bands.
Inhabits *Carolina* *Drury Inf.* 2. *tab.* 47.
Head and *thorax* yellowish: *abdomen* cylindrical with a yellowish dorsal and lateral line: all the *wings* with a white costal spot near the tip.

Varia. Wings varied with yellow and brown, the tip with a white spot terminated by a black one.
Inhabits *Africa* *Drury Inf.* 2. *tab* 45. *fig.* 1.
Head yellowish: *thorax* dusky with 3 sulphur lines under the wings: *abdomen* sulphur with 3 black lateral lines.

Juncea. Wings with a blackish accessory membrane: thorax with 6 yellow lines: abdomen tapering towards the base.
Inhabits *Europe*. *Schaeff. Icon. tab.* 6. *fig.* 10.

Carolina Wings whitish; lower-ones indented ferruginous at the base: thorax brown.
Inhabits *America*. *Drury Inf.* 1. *tab.* 48 *fig.* 1.

Capensis. Wings whitish, every where spotted and dotted with brown.
Inhabits the *Cape of good hope*. *Seba Mus.* 4. *tab.* 86. *fig.* 17.

Tricolora Wings variegated with brown blueish and yellow, the tip hyaline.
Inhabits *India*. L. variegata. *Gmelin. n.* 18.

Rubra. Reddish; wings with a ferruginous base and marginal lines.
Inhabits out of *Europe*. *Mus. Lesk. f.* 84. *n.* 1. c.

b. *Divisions*

b. *Diviſions of the lip equal.* Æſhna.

*Forcipata Thorax black with various yellowiſh characters: tail with 3 incurved claws.
Inhabits *Europe*. *Schæff. Icon. tab.* 160. *fig.* 1. *tab.* 186. *fig.* 1.

*Grandis. Thorax with 4 yellowiſh lines: body variegated with rufous white and black.
Inhabits *Europe*. *Donovan.* v. *tab.* 166. *Sulz. tab.* 17. *fig.* 101.
The colours of the body vaniſh when the inſect is dead.

Variegata. Thorax with 2 yellow lines each ſide: wings with a white ſpot at the baſe.
Inhabits *Terre del fuego*. Muſeum of Sir *Joſ. Banks*.
Body brown: *mouth* yellowiſh with a black dot at the baſe: *abdomen* round ferruginous, the ſegments edged with black and in each a white ſpot divided by a black line.

Clavata. Abdomen clavate, gibbous at the baſe: body variegated with brown and green.
Inhabits *China*.
Head veſicular green: *thorax* green with black lines: *abdomen* green with black ſtreaks, the middle thinner and black with lateral yellow ſpots, the tip thickened black with a white tail.

Minuta. Abdomen yellow with 2 black lines; lower-wings yellow with 2 black ſpots.
Inhabits *China*; ſmall.
Head yellow, eyes brown: *thorax* with yellow lines beneath: *abdomen* with 2 black lines above and one beneath: *upper-wings* black at the baſe with a yellow ſpot.

B. *Wings erect when at reſt; eyes diſtinct: outer diviſions of the lip bifid.* Agrion.

*Virgo. Wings coloured.
a. Body ſhining green-blue: wings blueiſh in the middle, the baſe and tip whitiſh, the margin immaculate.
Donovan. i. *tab.* 36 *fig.* 1. *Schæff. Elem. tab.* 78. *fig* 1.
b. Body ſilky: wings blueiſh-green, the tip brown, the margin immaculate.
Reaum. 6. *tab.* 35. *fig.* 7. *Leuwenh. arcan. tab.* 19.
c. Silky green: wings browniſh with a white marginal dot.
Roeſ Inſ 2. *aquat.* 2. *tab.* 9. *fig.* 6.
d. Body ſilky: wings brown gilt with a black ſpot.
Roeſ. Inſ 2. *aquat.* 2. *tab.* 9. *fig.* 5.
Inhabits *Europe*; very common about waters.

* *Puella.*

* *Puella.* Wings hyaline, not coloured.
a. Body red with yellow and black lines at each segment: thorax green with yellow lines: wings with marginal spots.
Donovan's Eng. Inf. 1. *tab.* 36. *fig.* 2.
b. Body flesh-colour: wings with a brown marginal dot.
Reaum Inf. 6. *tab.* 35. *fig.* 4. and 4. *tab.* 11. *fig.* 6.
c. Body alternately blue and cinereous: wings with a black dot.
Roef. Inf. 2. *aquat.* 2 *tab.* 10. *fig.* 3, 4.
d. Body beneath blue green, above brown; thorax with alternate brown and blueish bands: wings with a black marginal dot.
Roef. Inf 2. *aquat* 2. *tab.* 11 *fig.* 7.
e. Body green with a flesh-colour blush: thorax with 3 black lines: wings with a brown marginal dot.
Inhabits *Europe*, in almost endless varieties.

Ciliata. Green-bronzed: abdomen brown: legs fringed black.
Inhabits *Coromandel.* In the museum of Sir *Jos. Banks.*
Head and *thorax* bronzed: *abdomen* cylindrical.

Nobilitata. Upper-wings dusky; lower-ones silky-green tipt with black
Inhabits *South America.*
Body glossy-green: *lower-wings* beneath black.

Linearis. Wings with a yellowish or black stigma: abdomen extremely long.
Inhabits *India.* *Drury Inf* 2. *tab.* 48. *fig.* 1.
Body brown: *abdomen* cylindrical.

75. EPHEMERA. *Mouth* without mandibles: *feelers* 4, very short filiform: *antennæ* short filiform: above the eyes are 2–3 large stemmata: *wings* erect, the lower-ones much shorter: *tail* terminating in long bristles or hairs. *Day-fly.*

These short lived animals are found every where about waters in the summer, and in their perfect state seldom live above a day, some of them not an hour, during which time they perform all the functions of life and answer all the ends of nature. The *larva* lives under water and is eagerly sought after by trout and other fish, is 6-footed active and furnished with a tail and 6 lateral fins or gills: the *pupa* resembles the *larva*, except in having rudiments of future wings. *A. Tail*

A. *Tail with 3 hairs or briſtles.*

*Vulgata. Wings reticulate and ſpotted with brown: body yellowiſh ſpotted with black.
Donovan. iv. *tab.* 128. *Degeer.* 2. *tab.* 16. *fig.* 1.
Inhabits *Europe*, and appears in ſuch innumerable ſwarms in *Carniola* that the peaſants collect them by cart-loads to manure their land with.

*Lutea. Wings hyaline reticulate: body yellow.
Inhabits *Europe*.

Maraccana. Wings white immaculate: body yellowiſh.
Inhabits *Morocco*.
Head yellowiſh, front blackiſh with a callous dot each ſide at the eyes: *thorax* and *abdomen* yellowiſh.

Marginata. Wings white with a brown outer margin: body black.
Inhabits *Sweden*. *Roeſ. Inſ.* 2. *aquat.* 2. *tab.* 12. *fig.* 1. 2.

*Veſpertina Upper-wings black, lower-ones white.
Inhabits *Europe*.

Halterata. Wings two, white: abdomen white, tail brown.
Inhabits *Kiel*. *Degeer Inſ.* 2. *tab.* 17. *fig.* 17, 18.

Brevicauda Wings two, cinereous with a black rib: abdomen pale, tail brown.
Inhabits *Paris*; ſmall.

Inanis. Wings hyaline: body black; ſegments of the abdomen from the fourth to the ſeventh pellucid.
Inhabits *Europe*. *Muſ Leſk. p.* 50. *n.* 15.

B. *Tail with 2 hairs or briſtles.*

Venosa. Wings white reticulate: body brown.
Inhabits *Denmark*. *Degeer. Inſ* 2. *tab.* 18. *fig.* 1—4.

*Bioculata. Wings white reticulate: head with 2 yellow tubercles: tail yellow.
Inhabits *Europe*. *Geoffr. Inſ* 2. *tab.* 13. *fig.* 4.
Briſtles of the *tail* white dotted with brown.

*Nigra. Wings blackiſh, the lower-ones extremely ſmall: body black.
Inhabits *Europe*.

**Fuscata.* Wings hyaline: abdomen brown whitish at the base: legs pale
Inhabits *Europe.* *Wings* immaculate.

Albipennis Wings white immaculate: abdomen pale at the base, tail blackish.
Inhabits *France.* *Legs* pale, the joints black.

**Horaria.* Wings white, the thicker-margin blackish.
Inhabits *Europe.*

**Culiciformis.* Wings white: body brown.
Inhabits *Europe.* *Pod. Mus. Græc. tab.* 1. *fig.* 10.

**Striata* Wings hyaline striate: thorax brown; abdomen white.
Inhabits *Europe.*

Diptera. Wings two, the marginal rib brown with cinereous spots.
Inhabits *Europe.* *Abdomen* with red lines.

Notata. Yellow; wings white: segments of the abdomen with a brown spot each side, beneath a brown dot.
Inhabits *Europe.* *Mus. Lesk. p.* 50. *n* 16.

Testacea. Wings brownish: body brown-testaceous; ends of the legs brown.
Inhabits *Europe.* *Mus. Lesk. p.* 50. *n.* 17.

Ferruginea. Wings yellowish: body ferruginous.
Inhabits *Europe.* *Mus. Lesk. p.* 50. *n.* 18.

Stigma. Wings brownish: body yellow; thighs with a black dot in the middle.
Inhabits *Europe.* *Mus. Lesk. p.* 51. *n.* 20.

76. PHRYGANEA. *Mouth* with a horny short curved mandible: *feelers* 4: *flemmata* 3: *antennae* setaceous, longer than the thorax: *wings* equal incumbent, the lower-ones folded.

These are seen in a summer's evening floating in the air in large masses and are eagerly devoured by swallows; they are easily distinguished

diſtinguiſhed from the ſmaller moths by their wanting the ſpiral tongue: the *larva* is 6-footed, found at the bottom of ſhallow water incloſed in a tube, conſtructed of land ſtraws or ſmall chips of wood and is known to fiſhermen by the name of *caddy* or *caddo*: that of the firſt diviſion is tailed with 7 gills or fins; of the others ſlightly hairy with 2 claws on the tail and 3 erect tentacula on the fourth ſegment: *pupa* reſembles the perfect inſect.

A. *Tail with 2 truncate briſtles.* Semblis.

Marginata. Wings immaculate: body brown with yellowiſh ſpots on the head, ſides of the abdomen yellowiſh.
Inhabits *Germany*; large.
Thorax grooved on the back: briſtles of the *tail* yellowiſh annulate with brown and as long as the abdomen.

*Bicaudata. Wings reticulate brown: body brown with a yellowiſh line on the head and thorax.
Inhabits *Europe*. *Sulz. Inſ. tab.* 17. *fig.* 6. *tab.* 24. *fig.* 8.

*Nebuloſa. Wings pale cinereous: body brown.
Inhabits *Europe*. *Degeer Inſ.* 2. *tab.* 27, *fig.* 16, 17.

Viridis. Wings greeniſh-hyaline immaculate; body greeniſh.
Inhabits *Germany*; ſmall.
Antennæ green tipt with black: *head* and *thorax* green, the latter faintly margined with black: *abdomen* and *legs* greeniſh.

B. *Tail without briſtles.*

*Reticulata. Wings ſubferruginous reticulate with black: body black.
Inhabits *Europe*.

*Striata. Wings teſtaceous with darker nerves.
Inhabits *Europe*. *Reaum Inſ.* 3. *tab.* 13. *fig.* 8, 9, 11.

Analis. Wings brown with a white ſpot near the tail: nape covered with golden hair.
Inhabits *Sweden*. *Head* and *antennæ* black.

*Fuſca. Upper-wings brown immaculate: legs yellow.
Inhabits *Europe*.

Diſcoidea. Wings brown with a pale margin and ſpots on the diſk: body grey.
Inhabits *Germany*.

Pilosa. Wings testaceous immaculate: head and thorax hairy.
Inhabits *Sweden*. *Body* testaceous.

Pallipes. All the wings black immaculate: legs pale.
Inhabits *Italy*; very small.

Signata. Wings grey-brown spotted with yellow, the hind-margin striate with yellow.
Inhabits *America*; small.

**Grandis.* Wings brown-testaceous with cinereous spots.
Inhabits *Europe*. *Degeer Inf.* 2. *tab.* 13. *fig.* 1.

**Varia.* Wings varied with dark-grey and black and spotted with white in the middle.
Inhabits *Europe*. *Donovan.* viii. *tab.* 277. *fig.* 1.
Legs testaceous annulate with black.

Irrorata Wings grey-brown with numerous whitish spots and specks.
Inhabits *South America*. Museum of Sir. *Jos. Banks*.
Head black: *antennae* testaceous: *thorax* black with a testaceous spot: *legs* testaceous.

**Phalaenoides* Wings white with scattered black spots: body black.
Inhabits *Northern Europe*. *Udm. Diss.* 53. *fig.* 16.

Flavicornis Wings grey; abdomen greenish: antennæ and legs yellowish,
Inhabits *Kiel*; larger than Ph. grisea.

**Rhombica* Wings grey-brown with rhombic whitish spots.
Inhabits *Europe*. *Donovan.* vii. *tab.* 220.
Larva inclosed in a web made of short pieces of grass laid transversely.

**Grisea.* Upper-wings clouded, with a black marginal spot.
Inhabits *Europe*. *Degeer. Inf.* 2. *tab* 13, *fig.* 31.

Atomaria Wings pale grey with numerous black dots.
Inhabits *Kiel*; large.
Antennae yellowish. *head* and *thorax* hairy: *body* cinereous.

Fennica. Wings striate cinereous with a testaceous dot near the tail: body black: antennæ white at the base.
Inhabits *Denmark*.
Antennae black at the tip.

Ayrais.

Atrata. Black: wings immaculate: antennæ ſhort.
Inhabits *France*. *Body* villous.

Notata. Upper-wings yellowiſh-grey with a brown marginal ſpot.
Inhabits *North America*. Muſeum of Sir *Joſ. Banks*.
Body brown: *antennæ* and *legs* teſtaceous: *lower-wings* white.

**Bimaculata.* Wings brown with a double yellow lateral ſpot.
Inhabits *Europe*. *Degeer. Inſ.* 2. *tab.* 15. *fig.* 5.
Larva in a tapering cylinder compoſed of ſand and mud.

**Nigra.* Wings black: antennæ twice as long as the body.
Inhabits *Northern Europe*. *Degeer. Inſ.* 2. *tab.* 15. *fig.* 21.

**Azurea.* Wings black, the hind-part violet.
Inhabits *Europe*. *Lower-wings* obliquely violet.

Variegata Wings brown ſpeckled with teſtaceous.
Inhabits *Germany*.
Antennæ aunulate with brown and teſtaceous: *legs* yellowiſh.

**Bilineata* Wings brown with 2 tranſverſe white lines on each margin.
Inhabits *Northern Europe*.

**Interrupta* Wings black with 4 white bands, the anterior ones interrupted, the hind-one marginal and compoſed of dots.
Inhabits *England*. *Body* black.
Antennæ annulate with white and black, longer than the body: *lower-wings* cinereous: *legs* pale.

Hirta. Brown; upper-wings hairy: antennæ as long as the body.
Inhabits *England*; caught at *Oxford*.
Antennæ white annulate with brown, the firſt joint hairy: *upper-wings* brown with 2 faint darker ſpots: *lower-wings* glabrous brown.

**Longicornis.* Wings brown with 2 darker waved ſtreaks: antennæ very long.
Inhabits *Europe*.

**4-faſciata* Black; wings teſtaceous with 4 black-bands: antennæ very long.
Inhabits *England*.
Antennæ annulate with white and black: *legs* pale, hind-thighs black: *abdomen* black.

Punctata.

Punctata Wings fringed pale yellowish dotted with white: abdomen green.
Inhabits *Paris*; resembles a Tinea.

**Filosa* Wings rounded brown immaculate: antennæ thrice as long as the body.
Inhabits *England*.
Antennae annulate with white and brown, the first joint hairy: *lower-wings* black-hyaline: *abdomen* black: *legs* pale.

3-*punctata* Wings fringed cinereous with 3 brown dots.
Inhabits *Saxony*.
Antennæ longer than the body.

**Minuta*. Variegated with brown and cinereous: feelers villous.
Inhabits *Europe*.

Pusilla. Wings fringed brown-testaceous: antennæ moderate, annulate with white and black.
Inhabits *Italy*: small,

Atrata. Black; wings whitish with numerous black spots and 2 bands.
Inhabits *Siberia*. *Lepech. It.* 2. *tab.* 10. *fig.* 9.

Ciliaris Black; abdomen with a white line each side: hind-shanks paler: antennæ moderate.
Inhabits *Europe*. *Fn. Suec.* 1497.

Wæneri Cinereous; lower-wings paler, the inner margin whitish and hairy.
Inhabits *Sweden*. *Fn. Suec.* 1494.

Albifrons Black: wings with 4 white linear streaks on the outer part.
Inhabits *Sweden*. *Fn. Suec.* 1495.

Flava. Wings reticulate with yellow; antennæ moderate.
Inhabits *Europe*. *Fn. Suec.* 1502.

Umbrosa Black; upper-wings with yellowish clouds.
Inhabits *Europe*. *Fn. Suec.* 1498.

Saltatrix Wings hyaline with a green and white spot: antennæ longer than the body.
Inhabits *Europe*. *Fn. Suec.* 1503.

Virescens

Vivescens Wings white, with ferruginous ſpots at the future and inflected margin: abdomen greeniſh: legs yellowiſh.
Inhabits *Europe*. *Muſ. Lesk. p.* 51. *n.* 27.

Argentata Wings varied with brown and ſilvery with a brown dot behind the middle at the anterior margin and 3 at the poſterior; lower-ones tipt with brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 51. *n.* 28.

Faſciata. Wings pale yellow with 4 white bands, one entire, the others compoſed of ſpots.
Inhabits *Europe*. *Muſ. Lesk. p.* 51. *n.* 29.

Strigoſa. Teſtaceous; lower-wings with a long white ſtreak towards the tip.
Inhabits *Europe*. *Muſ. Lesk. p.* 51. *n.* 30.

Maculoſa. Wings brown hairy ſpotted with white, 2 of the ſpots ſolitary towards the tip at the outer margin.
Inhabits *Europe*. *Muſ. Lesk. p.* 51. *n.* 32.

Laciniosa Teſtaceous; wings with 3 white bands united at the baſe and each divided at the tip, with an oblique ſpot in the middle.
Inhabits *Europe*. *Muſ. Lesk. p.* 51. *n.* 34.

Atomaria Teſtaceous; wings grey with numerous whitiſh ſolitary and confluent dots
Inhabits *Europe*. *Muſ. Lesk. p.* 51. *n.* 36.

Teſtacea Wings and body brown-teſtaceous; lower-ones whitiſh.
Inhabits *Europe*. *Muſ. Lesk. p.* 51. *n.* 37.

Inconſpicua Brown; antennæ and fore-feelers long; wings grey, glabrous at the tip: legs yellowiſh.
Inhabits *Europe*. *Muſ. Lesk. p.* 51. *n.* 38.

Ciliata Black; wings ſubteſtaceous fringed, the veins at the anterior and poſterior margin very much branched: 4 fore-legs teſtaceous.
Inhabits *Europe*, *Muſ. Lesk. p.* 52. *n.* 39.

Annulata Brown; antennæ long annulate with white; wings fringed at the inner and hind-margins.
Inhabits *Europe*. *Muſ. Lesk. p.* 52. *n.* 40.

77. HEM-

77. HEMEROBIUS. *Mouth* with a short horny mandible, the jaw cylindrical straight cleft: *feelers* 4, unequal filiform: *stemmata* 0: *wings* deflected, not folded: *antennae* setaceous, projecting, longer than the thorax which is convex.

Like the Ephemeræ, these insects are very short lived and in every state of their existence prey with unceasing avidity upon plant-lice: the *larva* is 6-footed, generally ovate and hairy; the *pupa* mostly folliculate: the *eggs* are deposited in clusters on the leaves of plants, each placed on a small gummy pedicel. Many of them when touched have an excrementitious smell.

A. *Lip cylindrical membranaceous annulate.* Semblis.

Pectinicornis. Antennæ pectinate: wings white with brown marks and nerves subarticulate with white.
Inhabits *South America. Degeer. Inf.* 3. *tab.* 27. *fig.* 3.

Griseus. Wings grey spotted with white.
Inhabits *Africa.*
Head and *thorax* ferruginous varied with black: *lower-wings* black at the base.

Atratus Wings whitish; upper-pair spotted with black: body black.
Inhabits *Africa.* In the museum of Sir. *Jos Banks.*
Head black, front covered with cinereous hair: *thorax* black hairy with a cinereous line each side: *abdomen* black with an oblong testaceous spot towards the tip.

Punctatus Brown; wings white-spotted with brown, the nerves dotted with white and black.
Inhabits——In the museum of Sir *Jos. Banks.*

Fuscatus. Wings brown spotted with white; lower-ones black at the base.
Inhabits *East India.*
Head ferruginous: *mouth* black: *thorax* dusky.

Lutarius Black; wings striate whitish spotted with white.
Inhabits *Europe. Degeer. Inf.* 2. *tab.* 22. *fig.* 14. 15.

B. *Lip horny, rounded at the tip, vaulted.* Cornutus.

Cornutus. Mandibles projecting horn-shaped.
Inhabits *North America*. *Degeer. Inf.* 3. *tab.* 27. *fig.* 1.
Body ferruginous, very large.

Grandis Wings subequal reticulate with veins, with 2 yellowish spots.
Inhabits *Japan*. *Thunb. Nov. Inf.* 1. *p.* 28. *fig.* 44.
Body oblong yellowish: *antennæ* and *jaws* black.

*Perla. Wings hyaline with green veins: body yellowish-green: eyes golden.
Inhabits *Europe*. *Donovan.* viii. *tab.* 277. *fig.* 2.

Filosus. Wings whitish; body cinereous; antennæ very long.
Inhabits *Otaheita*. In the museum of Sir *Jos. Banks*.

*Albus. Wings hyaline; body white: eyes brassy.
Inhabits *Europe*.

Capitatus. Wings white with reticulate nerves: body brown; head and fore-part of the thorax testaceous.
Inhabits *Germany*.
Wings with a green shade and a common elongated brown spot.

*Chrysops Wings hyaline with green veins and brown spots: body variegated black and green
Inhabits *Europe*. *Donovan.* vi. *tab.* 188.
Head testaceous: *wings* fringed on the outer-margin.

Maculatus Wings white, upper-pair spotted with black: body black.
Inhabits *France*. *Roes. Inf.* 3. *tab.* 21. *fig.* 8.
Body black: *head* and *legs* subtestaceous.

*Phalænoides. Wings mucronate at the base and cut behind: body testaceous.
Inhabits *Europe*. *Degeer. Inf.* 2. *tab.* 22. *fig.* 12. 13.
Wings testaceous with an oblique brown streak and dot.

Nitidulus Wings striate cinereous: body testaceous: legs pale.
Inhabits *Germany*.
Antennæ brown: *eyes* black.

*Hirtus Wings hairy reticulate with brown; lower-ones with a terminal band.
Inhabits *Europe*. *Donovan.* iv. *tab.* 113.

Fuscatus Wings striate brown-hyaline: body black; legs testaceous.
Inhabits *Denmark* and *France*.

Luteſcens Wing white with brown streaks: body yellowish.
Inhabits *Kiel*. *Degeer. Inſ.* 2. *tab.* 22. *fig.* 8.

Humuli. Wings white with scattered brown dots: antennæ annulate with white and black.
Inhabits *Upſal*, in hop plantations.

Longicornis Black, mouth and legs pale: antennæ long brown.
Inhabits *Holſace*,
All the *wings* white with brown nerves and a brown marginal dot.

Striatulus Wings striate with brown; lower-ones immaculate: body brown and yellow.
Inhabits *Europe*.
Head yellow: *mouth* and *eyes* brown: *thorax* brown: *breaſt* and *legs* yellow: *abdomen* brown, yellowish at the sides.

8-*punctatus* Wings white; all with 2 brown dots.
Inhabits *Cochin China*. In the *Britiſh Muſeum*.

Faſciatus Wings white with 3 black bands and numerous specks.
Inhabits *Kiel*.
Antennae black: *head* and *thorax* yellow with brown marks: *abdomen* black: *lower-wings* white immaculate.

Variegatus Wings white with black spots, the nerves dotted: body brown.
Inhabits *France*. *Antennae* and *legs* pale.

Nervoſus Wings variegated the nerves dotted with white: body brown: crown and back of the thorax yellowish.
Inhabits *France*.
Antennae yellowish annulate with black: *legs* yellowish.

*6-*punctatus.* Wings white with brown spots and 6 distinct dots behind: antennæ brown.
Inhabits *Europe*.

Picicornis Upper-wings varied with white and brown: body black: antennæ long hairy.
Inhabits

Inhabits *Denmark*: small.
Lower-wings hyaline immaculate: *legs* pale.

Flavicans. Black; thorax and abdomen yellow.
Inhabits *Europe*.

*2-punctatus. Wings with 2 black dots: body varied with brown and yellow.
Inhabits *Europe*.

4-punctatus Wings white with 4 black dots at the base, the tip radiate with brown.
Inhabits *Kiel*; small.
Head and *thorax* black; *antennæ abdomen* and *legs* pale.

*Abdominalis. Brown; abdomen yellow with a black tail.
Inhabits *England* and *Norway*; less than a louse.
Antennæ short brown: *wings* hyaline with brown veins.

Testaceus Wings black, thrice as long as the body: body brown-testaceous.
Inhabits *America*. *Degeer. Inf.* 3. *tab.* 21. *fig.* 4 5.

Paganus Wings white, upper-pair with faint dusky bands: antennæ white.
Inhabits *Upsal*. *Legs* whitish.

Pediculari-us. Greenish; antennæ moderate.
Inhabits *Europe*. Probably a species of Termes.

Flavus Yellow; mouth blood-red each side.
Inhabits *Europe*? *Mus. Lesk. p.* 52. *n.* 47.

Melanostic-tus. Yellowish; wings hyaline varied with blue and gold, the nerves whitish dotted with black, the margins with minute black dots.
Inhabits *Europe*. *Mus. Lesk. p.* 52. *n.* 49.

Versicolor. Yellow; wings hyaline varied with blue and gold, base of the abdomen beneath and tail black; antennæ yellow.
Inhabits *Europe*. *Mus. Lesk. p.* 52. *n.* 50.

78. MYRMELEON. *Mouth* with a horny acute mandible and jaw; *feelers* 6: *stemmata* 0: *antennæ* thicker at the tip: *wings* deflected: *tail* of the male armed with a forceps compoſed of 2 ſtraight filaments. *Lion-ant.*

The animals of this family prey with the moſt ſavage ferocity upon ants and leſſer inſects; and for the purpoſe of enſnaring them ſinks itſelf into the ſand and forms a kind of funnel or pit in which it lies buried, the head only appearing above the ſand: in this hollow, ſuch inſects as wander near it are ſure to fall, and not being able to crawl up the ſides of looſe ſand, are ſeized and devoured by the lion-ant. But if the ſides of the pit do not give way, or the unlucky inſect appears to be able to make its eſcape, its mercileſs enemy, by throwing up with its head repeated ſhowers of ſand, forces it down till it comes within its reach, *Larva* 6 footed ovate hairy, with exſerted toothed jaws: *pupa* incloſed in a ball compoſed of agglutinated ſand or earth.

A. *Hind-feelers much longer; jaw* 1-*toothed; lip membranaceous ſquare truncate emarginate.*

Libelluloides. Wings grey ſpotted with brown: body ſpotted with black and yellow.
Inhabits the *Cape of good hope. Degeer.* 3. *tab.* 21. *fig.* 9.

Pardalis Wings white with ſcattered black dots: thighs yellow.
Inhabits *Coromandel.* In the muſeum of Sir *Joſ. Banks*
Head and *thorax* varied black and yellow. *abdomen* yellow ſpotted with black: *legs* black, thighs yellow.

Pantherinus. Wings white ſpotted with black: body yellow; abdomen variegated with black.
Inhabits *Auſtria.*
Head yellow, front between the antennæ black.

Lynceus. Wings hyaline with a black marginal ſpot at the tip, in the middle of which is a ſnowy one.
Inhabits *Sierra Leona.*
Antennæ black, ferruginous at the tip; *body* above brown, beneath yellowiſh.

**Formicarius.* Wings clouded with brown, with a white marginal ſpot behind.
Inhabits *Europe. Reaum.* 4. *tab.* 14. *f.* 18, 19. *t.* 11. *f.* 6. &c. and *tab.* 32, 33, 34. *Roeſ. Inſ.* 3. *tab.* 17—20.

Catta. Wings hyaline with faint brown ſpots, the nerves ſpotted with black.
Inhabits *Madeira.* In the muſeum of Sir *Joſ. Banks.*
Body brown ſpotted with yellow: *legs* yellow, hind-thighs with a black ring.

Punctatus

Punctatus. Wings hyaline, the nerves with alternate black and white dots.
Inhabits *India*. In the muſeum of Sir *Joſ. Banks*.
Head yellowiſh, black between the antennæ with a black line in the middle behind and 2 dots each ſide: *thorax* yellowiſh with 3 black lines: *abdomen* brown: *legs* yellowiſh.

Formicalynx. Wings immaculate: body brown.
Inhabits *Africa* and *America*. *Degeer*. 3. *tab*. 27. *fig*. 8.

Tigrinus. Wings hyaline immaculate: body brown; margin of the thorax and legs yellow.
Inhabits *New Holland*. Muſeum of Sir *Joſ. Banks*.
Head brown, mouth yellow: *thorax* duſky, the fore and lateral margins yellow: *abdomen* brown: *legs* yellow.

Caninus. Wings hyaline immaculate: body brown: head and thorax ſpotted with yellow.
Inhabits *Guinea*; ſmall.
Abdomen with a few yellow dorſal ſpots.

B. *Feelers nearly equal; jaw ciliate; lip horny rounded entire.* Aſcalaphus.

Barbarus. Wings reticulate yellowiſh-hyaline with 2 brown ſpots.
Inhabits *Europe* and *Africa*. *Schæff. icon tab*. 30. *fig*. 1—3.
Antennæ as long as the body: *thorax* ſpotted with yellow.

Longicornis Upper-wings hyaline with a double yellow ſpot at the baſe; lower-ones yellow, black at the baſe.
Inhabits *Italy*. *Sulz. Hiſt. Inſ. tab*. 25. *fig*. 4.

Capenſis. Wings white reticulate with black: tail forked.
Inhabits the *Cape of good Hope*.
Head hairy black; *abdomen* black, terminated by a ſtrong ciliate forceps.

Appendiculatus. Wings white immaculate, 1-toothed at the baſe.
Inhabits ——In the *Britiſh Muſeum*.
Antennæ rufous: *body* villous brown: *upper-wings* with a ſmall tooth at the inner baſe.

Auſtralis. Wings white with a black marginal ſpot: body variegated.
Inhabits *Southern Europe*.
Antennæ as long as the body: *head* yellow, front and eyes brown: *thorax* and *abdomen* variegated with yellow and brown.

Cayennenſis

Cayennenſis Wings white with a ſnowy marginal ſpot.
Inhabits *Cayenne*. *Antennae* long.
Head brown; front cinereous hairy: *thorax* cinereous.

79. PANORPA. *Mouth* lengthened into a cylindrical horny proboſcis: *feelers* 4, nearly equal: *ſtemmata* 3: *antennae* filiform, longer than the thorax: *tail* of the male armed with a chelate appendage; of the female unarmed.

* *Communis* Wings of equal length, ſpotted with black.
Inhabits *Europe*. *Donovan*. vi *tab* 201.

Germanica. Wings equal, hyaline tipt with brown.
Inhabits *Germany*; reſembles the laſt.

Scorpio. Wings equal, black ſpotted with white: body duſky.
Inhabits *North America*. P. lugubris. *Gmelin. p.* 2647.

Faſciata. Wings equal yellowiſh with black dots and bands.
Inhabits *North America*. P. americana. *Gmelin. p.* 2647.

Hyemalis. Wings ſubulate ſlightly incurved ciliate: female apterous.
Inhabits *Saxony*; ſmall.

Tipularia. Wings immaculate: abdomen falcate: legs very long.
Inhabits *Italy*. *Sulz. Hiſt. Inſ. tab.* 23. *fig.* 78.
Body yellow: *wings* equal.

Capenſis. Wings equal immaculate: body ferruginous.
Inhabits the *Cape*. *Thunb. Nov. Inſ.* 3. *p.* 67. *fig.* 78.

Iaponica. Wings equal, hyaline with 2 black bands: body black.
Inhabits *Japan*. *Thunb. Nov. Inſ.* 3. *p.* 67. *fig.* 79.

Coa. Wings erect, lower-ones nearly linear and very long.
Lettſom's Naturali's Companion. fig. 4.
Inhabits *Greek Iſlands*. *Forſk. Deſc.* 97. *tab.* 25. *fig.* 2.
Upper-wings yellowiſh ſpotted with brown: *lower-ones* extremely narrow and as long again as the upper-pair, alternately brown and yellowiſh.

80. RAPHIDIA.

80. RAPHIDIA. *Mouth* with a curved toothed horny mandible: *thorax* long, cylindrical: *ſtemmata* 3: *wings* deflected: *antennæ* filiform, as long as the thorax, the anterior part elongated and cylindrical: *feelers* 4, very ſhort, filiform: *tail* of the female terminated by a large recurved briſtle.

*Opkiopis. Wings immaculate.
Inhabits *Europe* in woods, and preys on other Inſects.
Degeer Inſ. 2. tab. 25. fig. 4. Schæff. Icon. tab. 95. fig. 1, 2.

*Notata. Wings with a brown marginal ſpot.
Inhabits *England*; probably only a variety of the laſt.
Body black: *head* black with a teſtaceous ſpot: *legs* teſtaceous: appendage of the *female* as long as the body.

ORDER

ORDER V. HYMENOPTERA.

Wings 4, membranaceous: female moſtly armed with a ſting.

81. CYNIPS, *Mouth* with a ſhort 1-toothed membranaceous jaw, the mandibles vaulted horny cleft, the lip entire; *feelers* 4, ſhort unequal capitate: *antennæ* moniliform: *ſting* ſpiral, often concealed within the body. *Gall-fly.*

The numerous excreſcencies or galls found on the roots branches and leaves of various trees are produced by the puncture of theſe inſects: the *larva* is without feet ſoft, cylindrical, and inhabits within the gall, feeding on the juices of the tree: the *pupa* reſembles the perfect inſect except in having only the rudiments of wings.

Adſcendens. Bronzed; abdomen petiolate conic aſcending.
Inhabits *Saxony*; large
Abdomen placed on a pedicel: *legs* pale.

Compreſſa. Gloſſy-black: abdomen compreſſed: ſhanks ferruginous.
Inhabits *Italy*. *Fabric. Append. p.* 455.

Roſæ. Black; abdomen ferruginous, black behind: legs ferruginous.
Inhabits *Bedeguar*. *Reaum.* 3. *tab.* 46. *fig.* 5—8. *tab.* 47. *fig.* 1—4

* *Glechomæ* Brown; thorax villous.
Reaum. 3. *tab.* 42. *fig.* 1—5. *Welſh. Hecaſt. tab.* 127. *fig.* 1.
Forms round rough galls on the *Glechoma hederacea*.

* *Quercus baccarum.* Black; baſe of the antennæ and legs yellowiſh.
Reaum. 3. *tab.* 42. *fig.* 8. *Udm. Dip. tab.* 1. *fig.* 14.
Forms roundiſh pellucid galls, about the ſize of a pea, on the under ſurface of the leaves of the *Oak*.

* *Quercus folii.* Black; thorax lineate: legs grey: thighs beneath black.
Reaum. 3. *tab.* 39. *fig.* 14—17. *Roeſ* 3. *tab.* 52. 53.
Forms galls, about the ſize of a nut, on the under ſurface of the leaves of the *Oak*.

* *Quercus*

*Quercus inferus. Black; antennæ and legs pale.
Forms globular opake red galls, on the under-surface of the leaves of the *Oak*.
Wings hyaline without veins or costal dots.

*Quercus petioli. Black; legs white, thighs brown.
Reaum. 3 *tab.* 35 *fig.* 3. *Roef* 3. *tab.* 35, 36.
Forms convex galls on the petioles of the *Oak*.

*Quercus pedunculi. Grey; wings with a linear cross.
Reaum. Inf. 3. *tab.* 40. *fig.* 1—6.
Forms granulate connected galls on the male flowers of the *Oak*.

*Quercus ramuli. Pale; abdomen and wings black.
Forms white wooly galls on the smaller branches of the *Oak*.

Quercus tojæ. Grey; abdomen shining ferruginous.
Inhabits *France*, in galls on the Quercus toja.

Quercus corticis. In galls on the bark of the oak.
Forms a cup-shaped gall, the disk convex and surrounded with about 20 concave dots.

*Quercus gemmæ. In the terminal bud of the oak.
Found in the large imbricate galls on terminal buds of the oak, *Reaum. Inf.* 3. *tab.* 43.

Quercus calicis. On the calyx of the oak and ægilops.
Bergtdorf. Schr. der. Berl. Naturf. 4. *p.* 1. *tab.* 1, 2.
Forms galls which are sometimes used by Tanners.

*Fagi. Black; immaculate.
Forms pyriform galls on the under-surface of the leaves of the Beech. *Frisch. Inf.* 2. *tab.* 5.

*Viminalis. Yellow; thorax black.
Roef Inf. 2. *Vesp. tab.* 10. *fig.* 5—7.
Forms galls on the leaves of the *Salix viminalis*.

*Capreæ. Shining-green; legs pale.
Frisch. Inf. 4. *p.* 39. *tab.* 22.
Forms ferruginous galls, resembling grains of barley, on the leaves and branches of the *Willow*.

Salicis strobili. Black; thorax greenish on the back.
In the ends of the branches of the *Salix glabra* which it dilates into a strobile-shaped excrescence.

Amerianae. Black; legs pale.
Forms unequal galls at the ends of branches of the *Salix fragilis* and *tandria*.

Aceris. Body brown; thorax black, longer than the abdomen.
Forms glabrous subturbinate galls, which grow red after some time, on the leaves of the Acer pseudoplatanus. *Bohem* 4 *p.* 184. *Act.*

Ruficornis. Black; abdomen blue: antennæ rufous.
Inhabits *France*. *Wings* white immaculate.

Megacephalus. Black; head very large and retuse: abdomen truncate.
Inhabits *Denmark*, in decayed wood.
Wings white with a brown spot in the middle: *shanks* yellow.

Italica. Glossy-black: thorax golden.
Inhabits *Italy*.
Head black with a green gloss: *thorax* punctured shining gold: *abdomen* ovate black.

Psenes. In protuberances of the Ficus carica.
Ponted. Anthol. tab. 11. *fig.* 11, 12, 13.

Sycomori. Body black; sting exserted weak.
In protuberances of the *Ficus Sycomorus*. *Hasselq. It.* 426. 113.

Longipennis Black; abdomen compressed: wings long white with 2 black dots.
Inhabits *France*, in a small flat gall.
Antennæ setaceous: *abdomen* compressed, elevated on the back: *legs* black, the joints pale.

Rosmarini. On the Rosmarinus chilensis.
Forms white globular galls, about the size of a nut, and full of a clear oil, on the branches of the *Rosmarinus chilensis*.
Body brown: *Molin. Hist. Nat. Chil. p.* 187.

Aterrima. Black with raised dots; tarsi paler.
Inhabits *Austria*. *Schrunk Inf. Aust. p.* 320. *n.* 645.
Forms a very large excrescence on the stems of plants.

Rubi. Silky green-gold punctured; bristles at the end of the tail shorter than the body.
Forms strumous protuberances on the stems and branches of the Rubus cæsius. *Schranck. Inf. Aust. p.* 320. *n.* 646.

Phragmitis.

Phragmitis. Black; base of the antennæ and legs testaceous: abdomen elongated into a broad projecting tail.
In the inflated stalk of the Arundo Phragmitis. *Schrank. Inf. Aust. p.* 321. *n.* 647.

Lugdunea. Black spotted with yellow; hind-thighs globular, toothed at the inner-margin: sting triple, turned back over the abdomen.
Tourette. Act. Paris. extran. 9. *p.* 730. *fig* 1—4.
Inhabits *France*, on various plants; large.

Testacea. Testaceous; head and legs yellowish; eyes black.
Inhabits *Europe*. *Mus. Lesk. p.* 53. *n.* 58. c.

Nigra. Black; base of the abdomen and legs pale.
Inhabits *Europe*. *Mus. Lesk. p.* 53. *n.* 58. d.

Inanita. Black; abdomen of one segment, the fore-part with a diaphanous spot each side: legs ferruginous.
Inhabits *Upsal*; size of the Formica rufa.
Antennæ shorter than the body: *thorax* a little rough: *abdomen* oblong, obtuse, opake: *shanks* black. Probably not of this genus.

Aptera. Apterous, ferruginous; abdomen compressed with a broad black band.
Inhabits *France*; large.
Antennæ black, the first joint testaceous.

82. TENTHREDO. *Mouth* with a horny curved mandible, toothed within, the jaw straight and obtuse at the tip, the lip cylindrical bifid: *feelers* 4, unequal filiform: *wings* tumid, the lower-ones less: *sting* composed of 2 serrate laminæ and almost secreted: *stemmata* 3.

Saw-fly.

The insects of this tribe feed on the leaves of various plants: the female uses her sting in the manner of a saw, and cuts out spaces in the twigs or buds of trees for the purpose of depositing her eggs: *larva* cylindrical soft 16—28 footed, feeds on the leaves of plants, and when touched, rolls itself up spirally: *pupa* folliculate: *eggs* increase in size every day 'till the larvæ burst from them.

A *Antennae clavate.*

**Femorata* Antennæ yellow: body black: hind-thighs very large.
Inhabits *Europe*. *Albin. tab.* 69. *Sulz tab* 36. *fig.* 4.
Larva green with a blue dorsal line and lateral yellow one.

Lucorum. Antennæ blackish: body villous black.
Inhabits *Europe*, on the Birch and Alder.

**Lutea.* Antennæ yellow; abdomen yellow, the second segment black.
Inhabits *Europe* *Donovan* vii. *tab.* 234: *Albin. tab.* 59.
Head and *thorax* black: *legs* ferruginous.
Larva green with a black dorsal line and 2 black dots on each segment each side.

Sylvarum Antennæ yellow; body black; abdomen ferruginous, the base and tip black: wings with a brown hind-margin.
Inhabits *Germany*; size of the last.
Antennæ yellow, the joints black at the base: *legs* black, all the tarsi ferruginous.

**Amerinae* Body black covered with cinereous down: abdomen rufous beneath: lip white.
Degeer. tab. 33 *fig.* 20. *Schaeff Ic. tab.* 90. *fig.* 8. 9.
Inhabits *Europe*, on the Willow.
Larva rough green speckled with white.

**Marginata.* Antennæ yellowish at the tip: body black: lower segments of the abdomen edged with white.
Inhabits *Europe*; size of a Bee.
Head and *thorax* covered with white down: *flanks* yellowish.

Tristis. Antennæ yellow; body black: wings tipt with brown.
Inhabits *Sundmore Islands*.
Body with a few faint ferruginous spots.

**Vittellinae* Abdomen above black, the sides rufous: hind-thighs toothed.
Inhabits *Europe*. *Donovan.* iii. *tab.* 81 *fig.* 3.
Body large hairy black: *antennae* yellow tipt with black: *abdomen* beneath ferruginous with lateral black dots: *thighs* black, *shanks* ferruginous: *wings* dusky with a brown hind margin.

**Fasciata.* Antennæ blackish: body black; upper-wings with a brown band.
Inhabits

Inhabits *Europe*.
Abdomen with a ſmall white band at the baſe of the firſt ſegment. *lower-wings* immaculate.

*Sericea. Antennæ yellow: thorax black: abdomen bronzed *(Male)*
Antennæ yellow: abdomen green with a blueiſh gloſs *(Female.)*
Inhabits *Europe*. *Schaeff. Elm. t.* 51. *Degeer. tab.* 38. *f* 34.
Larva ſhort green with 2 yellow lines, head cinereous with a reddiſh band.

*Obſcura. Body black glabrous.
Inhabits *Sweden*. *Wings* whitiſh.

*Connata. Black; abdomen with yellow bands.
Inhabits *Europe*, on the Elder. *Geoffr. Inſ. par.* 2. *p.* 262.

B *Antennæ inarticulate, thicker at the tip.*

*Uſtulata Body black; abdomen blueiſh: ſhanks pale.
Inhabits *Europe*. *Degeer. Inſ* 2. *tab.* 39. *fig.* 19. 20.
Larva green with 2 white lines, head teſtaceous with a darker band.

*Enodis Body blueiſh-black.
Inhabits *Europe*. *Degeer. Inſ.* 2. *tab.* 40. *fig.* 6.
Body violet: *wings* whitiſh at the tip.
Larva green dotted with black, a rough line down the ſides, tail pointed.

*Clavicornis Body black: abdomen yellow tipt with black.
Inhabits *America*. Muſeum of Sir *Joſ. Banks*.
Antennæ yelloviſh, black at the baſe: *legs* yellow, thighs black: *upper-wings* with a brown marginal ſpot.

*Cæruleſcens. Body blue-black: abdomen yellow: wings with a brown ſpot.
Inhabits *England*. T cyano-crocea. *Gmelin. p.* 2656.
Abdomen yellow, tail violet: rib of the *upper-wings* yelloviſh from the baſe to the middle: *legs* black, thighs and baſe of the hind-ſhanks ferruginous.

*Americana Thorax yellow: abdomen blue: wings black.
Inhabits *Surinam*. *Degeer. Inſ.* 3. *tab.* 30. *fig.* 21.

Coſtalis

Coſtalis. Body black; rib of the wings ferruginous.
Inhabits *Germany*; *body* ſhort.
Tail with a few white ſtreaks.

**Roſae.* Black; abdomen yellow: rib of the upper-wings black.
Inhabits *Europe*. *Donovan.* v. *tab.* 164. *Mer. Eur. tab.* 144.
Thorax with a yellow ſpot each ſide.
Larva yellow dotted with black.

Eglanteriæ Yellow; head hind-part of the thorax and rib of the wings black.
Inhabits *Germany*; ſize of the laſt.
Legs black, ſhanks yellow.

Spinarum. Yellow; crown 2 ſpots on the thorax and rib of the wings black
Inhabits *Kiel.*
Antennae black: *head* black, mouth yellow: *legs* yellow, all the tarſi black annulate with yellow.

Serva. Yellow: head and back of the thorax black.
Inhabits *Zealand*: ſmall.
Wings white with a black coſtal ſpot.

Annulata Black; abdomen and legs yellow, hind-ſhanks black annulate with white.
Inhabits *Kiel*; very ſmall.
Head black, lip white villous: *wings* white, the rib half way black.

Ciliaris Black; hind-ſhanks white: antennæ ciliate beneath.
Inhabits *Germany*; ſize of T. pini.

**Atrata.* Black; back with a yellowiſh-green belt and 3 curves.
Inhabits *England* *Forſt. Now. Inſ.* 1. *p* 80.
Wings ferruginous: *ſhanks* yellow, claws rufous.

Bicolor. Black-blue; abdomen and baſe of the wings yellow; wings with a black band.
Inhabits *Austria*. *Schranch. Inſ. Auſt. p.* 323. *n.* 652.

Melanochra Black; abdomen yellow, tail with a black line each ſide: ſhanks and ends of the legs full yellow; wings with a black ſpot.
Inhabits *Europe*. *Muſ. Lesk. p.* 53. *n.* 69.

Tricolor. Head and thorax black; wings and legs brown; abdomen yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 53. *n.* 70. 72.

Ochropus

Ochropus Head thorax middle of the breaſt and tip of the hind-ſhanks black : abdomen and legs yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 53. *n.* 71.

C. *Antennæ pectinate.*

Cephalotes Black ; abdomen with 4 yellow belts.
Inhabits *Germany* : large.
Head black with 3 yellow dots between the eyes and 2 lunules behind : *antennae* teſtaceous : *thorax* black with an interrupted glaucous ſtreak before : *legs* ferruginous.

Nemorum Antennæ ſerrate each ſide : body black ; thorax with yellow dots, abdomen with yellow bands.
Inhabits *Saxony* ; large.
Antennae black, teſtaceous at the baſe : *head* black with yellowiſh marginal dots at the baſe : *abdomen* with 2 yellow bands and marginal dots.

Fruteterum Black ; abdomen with lateral yellow dots.
Inhabits *Saxony* ; leſs than the laſt.
Fore part of the *thorax* yellow : *legs* yellow.

*Dorſata Whitiſh ; head and back of the thorax and abdomen black.
Inhabits *England*. In the Muſeum of Sir *Joſ. Banks*.
Antennae of many joints, black and ſerrate with ſhort faſciculate hairs : *legs* white, thighs with a black line within.

*Juniperi Antennæ feathered obtuſe : thorax glabrous ; body black.
Inhabits *Europe*. *Sulz. tab.* 18. *fig.* 110. *tab.* 26. *fg.* 5—6.
Larva green dotted with black.

*Pini. Antennæ feathered lanceolate : thorax a little villous.
Inhabits *Europe*. *Schaeff. Icon, tab.* 67. *fig.* 7. 8.

D. *Antennæ filiform, with 7—9 articulations.*

*Scrophulariae. Abdomen with 5 yellow belts, the firſt remote.
Blackw. *Herb. tab.* 87. *fig.* 10. *Reaum.* 5. *tab.* 13. *f.* 12—23.
Inhabits *Europe*, on the Scrophularia
Larva with 22 feet, ſnowy dotted with black.

*Artuata Abdomen black with 5 greeniſh-yellow curves, band at the baſe and ſides.
Inhabits *England*. *Forſt. Nov Inſ.* 1. *p.* 79.
Antennæ black, yellow at the baſe : *lip* yellow : *thorax* black with a yellow line : *ſcutel* yellow : *breaſt* ſpotted with yellow : *wings* hyaline with a brown rib.

*Saticis.

Salicis Body variegated ; ſcutel white.
Inhabits *Europe*. *Reaum. Inſ.* 5. *tab.* 11. *fig.* 10.
Larva flat hairy yellow with 2 lateral lines each ſide of black dots, head black.

Flavicornis Yellow : head and tail black.
Inhabits *Germany* and *Italy*.
Thorax black, yellow on the back : *wings* hyaline, browniſh at the tip.

Luteicornis Black : antennæ mouth baſe of the abdomen and ſhanks yellow.
Inhabits *Kiel*.
Wings white with a teſtaceous rib, the tip brown : above the baſe of the *hind-thighs* is a whitiſh dot.

Viridis Body green ; abdomen above brown.
Inhabits *Europe*. *Sulz. Inſ. tab.* 18. *fig.* 112.
Body ſometimes green, ſometimes browniſh.

Cingulata Black; ſegments of the abdomen, except the firſt, edged with yellow.
Inhabits *Germany* : ſize of the laſt.
Antennae black, the firſt joint yellow : *thorax* black with a pale callous dot under the wings and 2 ſmall ones under the ſcutel: *legs* yellow, thighs black at the baſe.

Padi. Black ; thighs and ſhanks white.
Inhabits *Europe*. *Fn. Suec.* 1544.

Cynipiformis. Braſſy-green ; legs fulvous : hind-thighs bronzed.
Inhabits *Germany*. *Act. Bohem.* 4. *p.* 184.
Thorax elongated : *female* blue-bronze.

Rapae. Body black ; abdomen beneath legs and ſcutel whitiſh.
Inhabits *Europe*, on the leaves of the Turnip.

Cerasi. Body black ; ſcutel and legs yellow.
Inhabits *Europe*. *Reaum. Inſ.* 5. *tab.* 6. *fig.* 1—5.
Larva gelatinous black.

Napaea. Pale yellow ; ſcutel and dot on the wings white.
Inhabits *Europe*.
Under the *ſcutel* a black ſpot with 4 white dots : *legs* yellow.

Ovata. Body black ; thorax red.
Inhabits *Europe*. *Degeer. Inſ.* 2. *tab.* 35. *fig.* 10.
Larva greeniſh covered with whitiſh meal.

Air

*Alni. Body black; head and thorax red.
Inhabits *Europe*.. *Reaum. Inf.* 5. *tab.* 1. *fig.* 1.
Antennæ black; *fore-legs* teſtaceous: *abdomen* black with a violet gloſs.

Parvula. Black; 3 ſegments of the abdomen and legs ferruginous.
Inhabits *Sweden*. *Reaum. Inf.* 5. *tab.* 5. *fig.* 19—21.
Head black, mouth whitiſh: *ſcutel* black with a minute ferruginous dot each ſide: 3. 4. 5. ſegments of the *abdomen* ferruginous: *hind-thighs* black
Larva green with white meal, head yellow.

*Abietis Body black; 4 ſegments of the abdomen ferruginous
Inhabits *Europe*. *Friſch. Inſ.* 2. *tab* 1. *fig.* 21—24.

Analis. Black: middle of the abdomen rufous, tail white.
Inhabits *Saxony*.
Abdomen with the ſegments 2, 3, 4. rufous.

Germanica Body black: fore-part of the thorax and abdomen rufous.
Inhabits *Germany*.

Maura. Antennæ black, white before the tip: body black, firſt ſeg- of the abdomen with 3 white dots.
Inhabits *Kiel*; reſembles T. livida.
Mouth white: 4-*fore legs* teſtaceous, the thighs black, hind-ones black with a white dot at the baſe.

Rufipennis Antennæ black, white before the tip: body black; abdomen and legs teſtaceous.
Inhabits *Kiel*; ſize of T. livida.
Head black, mouth white: *thorax* black with a white line each ſide on the fore-part: *hind-thighs* black,

*Livida. Antennæ black, white before the tip; body black; tip of the abdomen and legs ferruginous.
Inhabits *Europe*.
Mouth white: firſt ſegment of the *abdomen* with 3 minute white dots,

Albicornis Antennæ tipt with white; body black; ſhanks teſtaceous: wings tipt with brown.
Inhabits *Italy*: large and ſhort.
Wings whitiſh, the rib teſtaceous.

Conagra. Body glossy-black : joints of the legs testaceous.
Inhabits *Germany*. Under the *scutel* a yellow dot.

Atra. Body black ; legs red.
Inhabits *Europe*.

Marginella. Black ; most of the segments of the abdomen edged with yellow, the second immaculate.
Inhabits *Kiel*.
Antennae black, the first joint yellow : *head* black, lip yellow at the base : *thorax* black with 2 large yellow spots before and 2 dots on the scutel : *legs* yellow, thighs black in the middle : *wings* white with a yellow rib.

**Cincta.* Black ; belt on the abdomen and shanks yellow.
2. Body black ; abdomen with a white belt.
Inhabits woods of *Europe*.

**Rustica.* Black ; abdomen with 3 yellow belts, the 2 lower-ones interrupted.
Inhabits *Europe*. *Degeer. Inf.* 2. *tab.* 34. *fig.* 13.
Larva cinereous with reddish triangular dorsal spots.

Lateralis Black ; middle of the back rufous, the sides white.
Inhabits *Sweden*, on flowers.
Head black, mouth yellow : *thorax* with a white dot before the wings : *abdomen* black, the segments 2, 3, 4. rufous on the back : *abdomen* white at the sides and ending in a white dot : *legs* rufous.

**Capreæ* Yellow ; head thorax and abdomen above black : wings with a yellow dot.
Albin. tab. 59. g. h. *Reaum.* 1. *tab.* 1. *fig.* 8.
Inhabits *Europe* ; is very destructive to the gooseberry and red currant, but never touches the black currant.
Larva blue, the 3 first segments and the last fulvous, with 9 rows of black spots.

Morio. Black ; legs pale.
Inhabits *Germany* ; small and short.

**Septentrionalis.* Hind-legs compressed and dilated.
Inhabits *Europe*. *Degeer. Inf.* 2. *tab.* 37. *fig.* 26.
Body glabrous black, the 4 middle segments of the *abdomen* rufous : *shanks* with a white band at the base.

12-punctata

12-punctata Body black with 12 white dots.
Inhabits *Europe*.

Punctum. Body black; abdomen white at the ſides: hind-thighs red.
Inhabits *Germany*. *Legs* white.

*Blanda Black; abdomen rufous in the middle; hind-thighs with a white ſpot.
Inhabits *England*. In the muſeum of Sir. *Joſ Banks*.
Head black with a pale ſpot under the antennæ: *abdomen* black, the ſegments 2. 3. 4. 5. rufous.

4-maculata Black: hind-legs rufous with 2 white ſpots at the baſe.
Inhabits *Kiel*.
Wings hyaline with a marginal dot.

*Vaga. Black; abdomen beneath yellow.
Inhabits *England*; ſmall.
Head black, mouth yellow: *abdomen* above black with a few faint yellow ſtreaks.

Opaca. Black: thorax with a rufous ſpot each ſide at the tip.
Inhabits *Sweden*.

Carbonaria Black; mouth and legs yellowiſh; hind-legs black, white before the tip.
Inhabits *Germany*.
Lip yellowiſh: *hind-ſhanks* with a white dot at the tip.

Nigra. Body entirely black.
Inhabits *Upſal*.

*Æthiops Black, glabrous: 4 fore-ſhanks pale.
Inhabits *England*. Muſeum of Sir *Joſ. Banks*.

Ruſipes Body black: abdomen with 2 yellow belts: legs red.
Inhabits *Europe*. *Fn. Suec.* 1550.

Campeſtris Black: abdomen with a yellow unequal belt: antennæ and ſhanks yellow.
Inhabits *Europe*. *Fn. Suec.* 1551.

Cincta. Black; abdomen with a white belt.
Inhabits *Europe*. *Fn. Suec.* 1556.

Annularis Gloſſy-black; antennæ tipt with white: ſhanks ferruginous.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt.* 325. *n.* 655.

Ferruginea Antennæ black annulate with white: body deep ferruginous: thorax breaſt and crown black.
Inhabits *Austria*. *Schranck. Inſ. Auſt. p.* 326. *n.* 656.

Craſſa Black: legs rufous: under the ſcutel 2 raiſed rufous dots.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 328. *n.* 659.

Albicincta Black; abdomen with a white belt at the baſe; ſhanks with a white ring.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 321. *n.* 661.

Veſpiformis Antennæ yellow: all the ſegments of the abdomen edged with yellow.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 329. *n.* 662.

Semicincta Black: abdomen with a yellowiſh belt interrupted behind: legs and abdomen beneath yellow.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 331. *n.* 665.

Viennenſis Black: abdomen with 5 yellow belts: baſe of the antennæ fulvous.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 331. *n.* 666.

Ribis. Black; ſhanks and apophyſis of the hind-thighs at the outer ſides white.
Inhabits *Auſtria*. *Schranck. Inſ. Aust. p.* 332, *n.* 668.
Larva green, head edged with brown, body rugged with 6 pectoral legs furniſhed with claws 6 approximate abdominal ones and 2 ſhort papillous caudal ones.

Fuliginoſa. Black: wings footy.
Inhabits *Auſtria*. *Schranck. Inſ. Aust. p.* 334. *n.* 670.

Dealbata. Black: abdomen ſpotted with white each ſide; hind-thighs clavate yellowiſh.
Inhabits *Austria*. *Schranck. Inſ. Anst. p.* 334. *n.* 671.

Alneti. Yellow: abdomen above black.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 335. *n.* 673.
Thorax and *legs* fulvous.

Hæmatodeus. Black ; thorax red each ſide on the fore-part.
Inhabits *Auſtria*. *Schranck. Inſ. Anſt. p.* 336. *n.* 678.

Erythrogona Black : tip of the thighs and baſe of the ſhanks red.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 338. *n.* 681.

Fulviventris. Black ; abdomen red or fulvous.
Inhabits *Auſtria*. *Schranck. Inſ. Aust. p.* 337. *n.* 679.
Thorax fulvous, or fulvous varied with black.

Fulvivaria Black : outer margin of the wings fulvous.
Inhabits *Vienna*. *Schranck. Inſ. Aust. p.* 338. *n.* 682.

Sulphurata Black: antennæ ſubclavate: 4 fore-legs ſulphur ; ends of the legs white.
Inhabits *Europe*. *Muſ. Leſk. p.* 53. *n.* 76.

Flaveola Antennæ ſubclavate black, the baſe yellow : mouth 5 firſt ſegments and ſides of the abdomen and legs yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 54. *n.* 77.

Annulata Yellow : antennæ ſubclavate black : tip of the ſhanks and ends of the legs annulate with black.
Inhabits *Europe*. *Muſ. Lesk. p.* 54. *n.* 78.

Rubiginoſa Black ; antennæ ſubclavate, yellow at the baſe : legs yellow : 3. 4. 5, ſegments of the abdomen ferruginous above.
Inhabits *Europe*. *Muſ. Lesk. p.* 54. *n.* 79.

Subulata Black ; antennæ ſubulate at the tip : 2. 3. 4. 5. ſegments of the abdomen yellow at the hind-margin : ſhanks and ends of the legs yellow, the latter annulate with black.
Inhabits *Europe*. *Muſ. Lesk. p.* 54. *n.* 81.

Varia. Black ; mouth and ſcutel white : lower-ſegments of the abdomen and legs ferruginous
Inhabits *Europe*. *Muſ. Lesk. p.* 54. *n.* 83.

Sanguinolenta. Black : hind-legs red.
Inhabits *Europe*. *Muſ. Lesk. p.* 54. *n.* 87.

Albata. Black ; 3 laſt joints of the antennæ and jaws white : ſhanks and ends of the legs yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 54. *n.* 92.

Canescens Brown with grey down : wings grey.
Inhabits *Europe*. *Muſ. Lesk. p.* 54. *n.* 94, 95.

Biſaſciata.

Bifasciata Brown; thorax black: mouth scutel and 4 spots behind white: abdomen with 2 interrupted yellow bands: margin of the wings and legs pale yellow.
Inhabits *Europe*. *Mus Lesk. p.* 54 *n.* 96.

Fraccata. Black; thighs rufous, base of the 4 hind-thighs white: 3 last joints but one of the antennæ white.
Inhabits *Europe*. *Mus. Lesk. p.* 54. *n.* 97.

Rufipes. Black; base of the abdomen with a white spot each side: jaws white: 4 fore-legs rufous.
Inhabits *Europe*. *Mus. Lesk. p.* 55. *n.* 98.

Melanoleuca. Black; mouth 4 fore-legs and flexure of the hind-thighs yellow.
Inhabits *Europe*. *Mus. Lesk. p.* 55. *n.* 99.

Leucopus. Black; flexure of the thighs white: 4 fore-shanks without and hind-ones in the middle white.
Inhabits *Europe*. *Mus. Lesk. p.* 55. *n.* 101.

Melanocbra Black; mouth 4-fore-legs and flexure of the hind-thighs yellow.
Inhabits *Europe*. *Mus. Lesk. p.* 55. *n.* 100.

Varicornis. Black; legs rufous: 4. 5. joints of the antennæ and base of the hind-shanks white.
Inhabits *Europe*. *Mus. Lesk. p* 55. *n.* 103.

Obscura. Brown; rib of the wings as far as the spot and legs testaceous.
Inhabits *Europe*. *Mus. Lesk. p.* 55. *n.* 104.

Limbata. Black; edges of the abdominal segments and lower-ones entirely white: legs reddish.
Inhabits *Europe*. *Mus. Lesk. p.* 55. *n.* 105.

Exalbida. Black; feelers and fore-shanks obscure white.
Inhabits *Europe*. *Mus. Lesk. p.* 55. *n.* 106.

Ferruginosa Black; fore-part of the antennæ ferruginous: base and fore-margin of the wings white: 1, 5. segments of the abdomen and shanks white.
Inhabits *Europe*. *Mus. Lesk. p.* 55. *n.* 106, b.

Angulia.

Angusta. Black; body narrow covered with grey down.
Inhabits *Europe*. *Mus. Lesk. p.* 55. *n.* 107.

Lutescens. Black; abdomen beneath and legs reddish-yellow.
Inhabits *Europe*. *Mus. Lesk. p.* 55. *n.* 108.

Albipes. Black; shanks and ends of the legs white.
Inhabits *Europe*. *Mus. Lesk. p.* 55. *n.* 109.

Flaviventris. Black; mouth white: abdomen yellow, the back and tip white: legs testaceous.
Inhabits *Europe*. *Mus. Lesk. p.* 55. *n.* 110.

Picea. Piceous; fore-shanks before and spot at the base of the hind-thighs white; hind-legs rufous, the joints and ends black.
Inhabits *Europe*. *Mus. Lesk. p.* 55. *n.* 111.

Fuscipes. Black; legs rufous, the hind-ones brown at the end.
Inhabits *Europe*. *Mus. Lesk. p.* 55. *n.* 111. b.

Bimaculata Pale; eyes base of the abdomen above and 2 spots on the breast black.
Inhabits *Europe*. *Mus. Lesk. p.* 55. *n.* 116.

Lata. Broad, black; hind-segments of the abdomen white, 2,3,4,5. interrupted.
Inhabits *Europe*. *Mus. Lesk. p.* 55. *n.* 115.

Annulicornis. Pale; base of the antennæ annulate with black: branched mark on the crown eyes thorax and spots on the back of the abdomen black.
Inhabits *Europe*. *Mus. Lesk p.* 55. *n.* 117.

Scripta. Piceous; mouth yellow: thorax with a yellow V and spot each side: scutel yellow with 2 white dots: legs and hind-margin of the abdominal segments beneath yellow.
Inhabits *Europe*. *Mus. Lesk. p.* 56. *n.* 118.

Liturata. Black; back of the abdominal segments 2,3,4,5. spot each side and edges white: fore-legs and 4 hind-shanks before white.
Inhabits *Europe*. *Mus. Lesk. p.* 56. *n.* 120.

Melanorhœa.

Melanorhoea. Black; abdomen yellow with tranſverſe black ſpots, tail black.
Inhabits *Europe*. *Muſ. Lesk. p.* 56. *n.* 121.

Geminata. Black; antennæ doubled: joints and ſhanks pale.
Inhabits *Europe*. *Muſ. Lesk. p.* 56. *n.* 121. b.

Ochrogaſter Piceous; abdomen beneath and legs yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 56. *n.* 123.

Ruficapilla. Head and thorax rufous, hind-margin of the latter and eyes black: abdomen and legs yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 56. *n.* 124.

Dubia. Black; thorax rufous before: joints whitiſh.
Inhabits *Europe*. *Muſ. Lesk. p.* 56. *n.* 127.

Palleſcens. Black; mouth and legs pale.
Inhabits *Europe*. *Muſ. Lesk. p.* 56. *n.* 128.

E. *Antennæ filiform, with numerous articulations.*

* *Erythrocephala.* Body blue, head red.
Inhabits *Europe*. *Degeer. Inſ* 2. *tab.* 40. *fig.* 19.
Male black: mouth and fore-ſhanks yellow.

* *Sylvatica* Body black: thorax with yellow marks: legs yellow.
Inhabits *Europe*.

Nemoralis. Body black; ſegments of the abdomen white at the ſides.
Inhabits *Euaope*. *Fn. Suec.* 1562.

* *Cynoſbati* Body black; legs ferruginous, the hind-ones annulate with white and black.
Inhabits *Europe*. *Reaum. Inſ.* 5. *tab.* 15. *fig.* 1—6.

Signata. Body pale; thorax with 3 longitudinal black marks.
Inhabits *Germany*.
Antennae above brown, beneath pale: *head* with a black dot: *abdomen* with a black patch at the baſe.

* *Populi.* Body blueiſh black: mouth feelers and ſhanks yellow.
Inhabits *Europe*, on the Poplar.
Abdomen pale yellow with tranſverſe blackiſh ſpots.

Vaſſa. Head varied white and black: legs teſtaceous.
Inhabits *Europe*. *Scutel* yellow at the ſides.

* *Betuli-*

* *Betulæ.* Body red; thorax tail and eyes black: wings brown behind.
Inhabits *Europe*. *Degeer. Inf.* 2. *tab.* 40. *fig.* 21.

Campeſtris. Antennæ yellow; body black; abdomen depreſſed, the 4 firſt ſegments rufous: ſcutel white.
Inhabits *Saxony*; ſize of the laſt.
Head black with a yellow dot each ſide: *thorax* with a white dot: *legs* ferruginous, thighs black: *upper-wings* with a brown ſpot.

Pratenſis. Head and thorax varied with black and yellow: abdomen black edged with ferruginous.
Inhabits *Saxony*.
Antennæ yellow, the firſt joint black: *legs* yellow.

Saltuum. Body black; abdomen pale yellow.
Inhabits *Europe*. *Wings* black.

Haemorrhoidalis. Black; tail and legs teſtaceous.
Inhabits *Germany*; ſmall.

* *Flava.* Yellow; wings with a ferruginous ſpot.
Inhabits *Europe*. *Reaum Inf.* 5. *tab.* 10. *fig* 6—7.

* *Arbuſtorum.* Abdomen rufous in the middle: ſcutel and dot on the wings white.
Inhabits *England*; ſize of T. abietis.
Head and *antennae* black, mouth yellowiſh: *thorax* black with a white line before the wings: abdominal *ſegments* 3, 4, 5. red: *legs* rufous: *wings* hyaline with a marginal black ſpot and in this a white dot.

Depreſſa. Head and thorax black with yellow marks: abdomen and legs ferruginous.
Inhabits *Auſtria*. *Schranck. Inf. Auſt. p.* 342. *n.* 691.

Linearis. Black; abdomen filiform with 5 yellow belts: ſhanks yellow.
Inhabits *Austria*. *Schranck. Inf. Auſt. p.* 343. *n.* 693.

Bipunctata. Antennæ ſubſetaceous, of 9 joints: body black: ſcutel with 2 white dots.
Inhabits Woods of *Luſace*. *Lesk. It. p.* 51.

F. *Antennæ unknown.*

Intereus. Black; legs yellow: antennæ subclavate.
Inhabits *Europe*. *Fn. Suec.* 1569.

Lonicerae. Brown downy: antennæ subclavate: wings subferruginous
On the Lonicera. *Reaum. Inf.* 5. *tab.* 13 *fig.* 8—10

Polygoni. Black; antennæ subclavate: abdominal segments 3, 5. yellowish-green at the hind-margin: abdomen linear compressed: thighs black, 4 fore-ones at the tip and shanks yellow, hind-ones tipt with black.
Inhabits *Europe*. *Mus. Lesk. p.* 56. *n.* 132; b.

Rumicis. On the Rumex Lapathi.
Reaum. Inf. 5. *tab.* 10, *fig.* 13, 14:

Ulmi. On the Ulmus campestris.
Reaum. Inf. 5. *tab.* 10. *fig.* 16.

Pruni. On the Prunus Padus.
Reaum. Inf. 5. *tab.* 10. *fig.* 16.

83. SIREX. *Mouth* with a thick horny truncate short denticulate mandible: *feelers* 4, the hind-ones longer and thicker upwards: *antennæ* filiform, of more than 24 equal articulations: *sting* exserted serrate stiff: *abdomen* setose, terminating in a point: *wings* lanceolate incumbent, the lower-ones shorter. *Tailed-Wasp.*

The *larvæ* of this genus are 6-footed soft cylindrical, the head rounded; they perforate wood and frequently eat their way into the bowels of other insects and their larvæ, living upon and consuming their vitals: *pupa* folliculate: the perfect insect lives on the nectar of flowers.

* *Gigas.* Abdomen yellow at the base and tip: body black-blue.
Inhabits *Europe*. *Donovan* vi. *tab.* 197. *Sulz. tab.* 18. *fig.* 114. *Reaum. Inf.* 6. *tab.* 31. *fig.* 1, 2 *Degeer.* 1. *tab.* 36. *fig.* 1, 2.
Segments 3,4,5,6. of the *abdomen* black: *scutel* with 2 white dots: *antennae* and *legs* yellowish.

Pisillius. Abdomen yellow at the base and before the tip: body black.
Inhabits *Europe*; half the size of the last.

A nitens

Antennae and *legs* yellow, thighs black: *head* black with a yellow ſpot each ſide behind the eyes: ſegments 1, 6, 7. of the *abdomen* yellow.

Columba. Thorax villous ferruginous: abdomen black, the ſides ſpotted with yellow.
Inhabits *America*. *Degeer Inſ.* 3. *tab.* 30. *fig.* 13.
Antennae ſhort black, ferruginous at the baſe: *abdomen* beneath black with yellow ſtreaks, the projection ſhort acute ſerrate yellow tipt with black: *legs* yellow, hind-thighs black.

Magus. Black; thorax villous; tip of the antennæ lateral ſpots on the abdomen ſhanks and baſe of the tarſi white.
Inhabits *Saxony*; ſize of S. gigas.
Abdomen beneath white in the middle: *wings* duſky.

Nigricornis Thorax villous blueiſh-black: abdomen ferruginous, blue at the baſe.
Inhabits *North America*.
Head ſhining blue-black: *antennae* black: *legs* piceous, thighs yellow; *ſting* piceous.

Flavicornis Thorax villous black immaculate: 4 bands on the abdomen antennæ and legs yellow.
Inhabits *Labrador*, in *America*.
Head black: ſegments 1, 2, 7, 8 of the *abdomen* above yellow, the appendage ſerrate yellow: *ſting* black.

Fuſcicornis. Thorax villous black: abdomen with 8 yellow bands: antennæ black: legs yellow.
Inhabits *Saxony*; ſize of T. gigas.
Wings ſubteſtaceous: *ſting* black with a yellow ſheath: horn of the *abdomen* ſubulate yellow tipt with black: *thighs* black.

* *Spectrum.* Abdomen black: thorax villous with a yellow ſtripe before the wings.
Inhabits *Europe*. *Donovan*. vii. *tab.* 225.
Antennae black: *legs* yellow, tarſi black.

* *Juvencus* Abdomen blueiſh-black; thorax villous immaculate.
Inhabits *Europe*. *Degeer*. *Inſ.* 1. *tab.* 36. *fig.* 7.
Antennae black or yellow: *legs* yellow.

Phantoma. Abdomen above yellow with black belts: head and legs yellow.
Inhabits *Germany*. *Schaeff. Icon. tab.* 205. *fig.* 1.
Mouth black: *thorax* yellowiſh before, beneath black: *abdomen* beneath black.

Cyaneus Shining blue; legs yellow.
Inhabits *North America.*
Antennæ black: *thorax* ſubvillous: *wings* hyaline.

Albicornis Black; head with a white ſpot each ſide: antennæ white in the middle.
Inhabits *North America.*
Antennæ black at the tip: *abdomen* with a white dot each ſide on the laſt ſegment but one: *legs* black, ſhanks and ends of the treſi white.

Nigrita. Black-blue immacu'ate; hind-legs compreſſed.
Inhabits *Saxony*; ſize of S. mariſcus.

**Camelus* Abdomen black, the ſides ſpotted with white; thorax ſmooth.
Inhabits *Europe.* *Schaeff. Icon. tab.* 207. *fig.* 5. 6.

Emarginatus. Black: thorax emarginate before and pale at the ſides; fore-legs rufous.
Inhabits *Germany*; ſize of the laſt.
Antennæ black: *head* black with a pale ſpot each ſide: ſides of the *thorax* ſlightly ſerrate: 4-*fore legs* rufous, the ſhanks tipt with black: hind-ones black, thighs rufous.

Dromedarius Abdomen black, rufous in the middle with a white dot each ſide: ſhanks pale at the baſe.
Inhabits *Kiel*; reſembles S. camelus.
Head black with 2 white lines: *thorax* black with a white dot before the wings: ſegments of the *abdomen* 1, 2, black, 3, 4, 5, 6, 7, rufous, 8, black with a white ſpot each ſide: 9 black.

Pacca. Abdomen black; the ſegments 2. 3, rufous, the reſt dotted with white.
Inhabits *Kiel*: ſize of S. Camelus.
Antennæ black, a little thicker towards the tip. *thorax* villous, black with 2 minute white dots on the fore-margin: horn of the *abdomen* yellowiſh, ſting rufous: *legs* compreſſed black.

Similis Black: firſt ſegment of the abdomen at the baſe and ſecond rufous; the reſt with 5 yellow ſpots.
Inhabits the *Cape of good hope.*
Head black; orbits yellow: *antennæ* ferruginous, the baſe and tip black; *thorax* black with a yellow dot each ſide: *legs* rufous, thighs black: *tail* pointed, without the projection.

Veſpertilio Black; abdomen ferruginous, the baſe black.
Inhabits *Germany*; ſmall.

Antennæ

Antennæ black with a whitiſh ring; *tail* black beneath, without the appendage; *upper-wings* white with a broad brown patch before the tip and white marginal dots: *legs* black, tip of the thighs and baſe of the ſhanks white.

Mariſcus Abdomen teſtaceous, the 2 laſt ſegments black: thorax villous.
Inhabits *Europe*. *Cyrill. Ent. Neapol.* 1. *tab.* 1. *fig.* 1.
Antennæ yellow: *head* with a yellow callous dot behind the eyes: *abdomen* beneath black ſpotted with yellow: *ſting* o.

Troglodyta Smooth, black: abdomen with 7 yellow dots and 2 bands.
Inhabits *Saxony*.
Legs yellow, thighs black.

Noctilio. Black-blue: antennæ black; thorax villous: abdomen teſtaceous in the middle.
Inhabits *Germany*; ſize of S. mariſcus.
Thorax blue: *abdomen* blue at the baſe and tip: *wings* yellowiſh: *legs* yellow; hind-ones compreſſed black, the thighs yellow.

Compreſſus Black; abdomen compreſſed ferruginous, the firſt and laſt ſegments black.
Inhabits *Barbary*: ſmall.
Legs white, thighs black: hind-ones black, the ſhanks compreſſed black with 2 yellow dots and 3 bands.

Pygmæus Abdomen compreſſed black with 2 yellow dots and 3 bands.
Inhabits *Europe*.
Antennæ nearly as long as the body.

Maculentus Black; abdomen compreſſed, yellow at the ſides.
Inhabits *Barbary*; reſembles S. *tabidus*.
Head black with 2 yellow dots between the eyes: *thorax* black with a ſmall yellow dot and a larger one beneath; *abdomen* yellow at the ſides and projecting into 2 bands on the back: *wings* hyaline, the rib black beyond the middle: *legs* black fore-thighs yellowiſh.

Tabidus. Black; ſides of the abdomen dotted with yellow: fore-ſhanks teſtaceous.
Inhabits *England*. In the muſeum of Sir *Jo. Banks*.
Body ſmall linear: *antennæ* ſhorter than the body: *thorax* black with a greeniſh ſpot behind: *abdomen* a little compreſſed, the ſegments with a yellow dot each ſide.

84. ICHNEUMON. *Mouth* with a ſtraight horny membranaceous bifid jaw, the tip rounded and ciliate; mandibles curved ſharp; lip cylindrical membranaceous at the tip and emarginate: *feelers* 4, unequal filiform, ſeated in the middle of the lip: *antennae* ſetaceous, of more than 30 articulations: *ſting* exſerted, incloſed in a cylindrical ſheath compoſed of 2 valves, and not pungent.

The whole of this ſingular genus are paraſitical, deriving their nouriſhment from other inſects. The fly feeds on the nectar of flowers, and when about to lay her eggs, perforates the body of ſome other inſect or its caterpillar, with its ſting or inſtrument at the end of the abdomen, and there depoſits them: theſe, after being tranſformed into larvæ, prey upon the inteſtines of their foſter-parent till they are again metamorphoſed into pupæ. The *larva* is without feet, ſoft and cylindrical: *pupa* ſometimes naked, ſometimes folliculate.

A. *Scutel white or yellow; antennæ annulate with white.*

**Sugillatorius.* Scutel yellowiſh; thorax immaculate: abdomen black, 2 of the ſegments with a white dot each ſide.
Inhabits *Europe* *Sulz. Hist. Inſ. tab.* 26. *fig.* 11.

Intratorius Scutel white; thorax immaculate: 2 of the ſegments of the abdomen with a yellow band.
Inhabits *Barbary*; large.
Antennae black, with a whitiſh ring in the middle: *legs* ferruginous, the joints of the hind-ones black.

**Moliterius* Scutel white; thorax immaculate: body deep black; legs blackiſh.
Inhabits *Europe.*

Pedatorius Scutel white; thorax immaculate; body black, legs rufous.
Inhabits *Kiel*; leſs than laſt.
Antennae black with a whitiſh band: *wings* duſky.

Calpatorius Scutel yellowiſh; thorax immaculate: ſegments of the abdomen 2. 3. fulvous, the reſt black.
Inhabits *Europe.*

**Raptorius.*

*Raptorius Scutel white; thorax immaculate: ſegments of the abdomen 2. 3. 4 rufous, the reſt tipt with white
Inhabits *Europe*. *Donovan.* ii. *tab.* 42.
Laſt ſegment of the *abdomen* with a white dot.

*Sarcitorius. Scutel white; thorax immaculate: ſecond ſegment of the abdomen and lower-part of the third ferruginous, the laſt whitiſh at the tip.
Inhabits *Europe*. *Sulz. Hist. Inſ. tab.* 18. *fig.* 13.

Atratorius Scutel white; thorax immaculate: 3 laſt ſegments of the abdomen edged with white: legs rufous.
Inhabits *Germany*.
Antennae black with a broad white band in the middle.

*Crispatorius. Scutel white; thorax immaculate: abdomen pale yellow tipt with black.
Inhabits *Europe*.

*Extenſorius. Scutel yellowiſh; thorax immaculate; ſecond and third ſegments of the abdomen ferruginous, the laſt tipt with black.
Inhabits *Europe*. *Schaeff. Icon. tab.* 43. *fig.* 1. 2.

Armatorius. Scutel white; thorax immaculate, toothed each ſide behind: abdomen and legs ferruginous.
Inhabits *Kiel*. *Head* and *thorax* black.

Notatorius Scutel white; thorax immaculate: abdomen red, the 3 laſt ſegments black, tail with a white dot.
Inhabits *Germany*; ſmall.

Deſtructorius. Scutel white; thorax rufous: abdomen black, the ſecond ſegment rufous, the reſt tipt with white.
Inhabits *Zealand*; ſmall.
Head black, mouth and orbits white: fore-margin of the *thorax* and *ſcutel* yellow: *abdomen* petiolate: *legs* yellow, the hind-ones black.

Signatorius Scutel white; thorax rufous: abdomen black, tail white.
Inhabits *Germany*; ſmall.
Thorax with 3 impreſſed ſhort lines before and a white dot before the wings: *legs* black.

*Saturatorius. Scutel white; thorax immaculate: abdomen black tipt with white.
Inhabits *Europe*. *Schaeff. Icon. tab.* 61. *fig.* 4.

Glau-

Glaucatorius. Scutel white; thorax with a white dot: body black: 2 laſt ſegments of the abdomen glaucous at the margin, the firſt interrupted.
Inhabits *Saxony*.
Antennae black, ferruginous in the middle: *abdomen* petiolate: *legs* rufous.

Groſſorius Scutel white; thorax ſpotted: ſecond and third ſegments of the abdomen rufous, ths lower-ones tipt with white.
Inhabits *Zealand* very large.
Head black: *thorax* with a white dot: *legs* black, ſpot at the baſe of the thighs and baſe of the ſhanks white.

**Quaeſitorius.* Scutel yellowiſh; thorax ſpotted: 3 laſt ſegments of the abdomen with a white dorſal ſpot.
Inhabits *Europe*.
Hind margin of the ſecond ſegment a little ferruginous.

Nutatorius Scutel yellow; thorax ſpotted: abdomen black, the ſegments edged with white: legs rufous, white at the ends.
Inhabits *New Holland*. In the muſeum of Sir *Joſ. Banks*.
Head white with a black frontal line: *antennae* black, white in the middle, the firſt joint yellow: *thorax* black with 2 dots before, a ſingle one and line under the wings: *ſcutel* and 4 ſpots under it all white.

Olitorius Scutel white; thorax ſpotted: abdomen rufous, the laſt ſegment black with an white dot.
Inhabits *Germany*; reſembles T. molitorius.
Legs rufous, hind-ſhanks black.

Albatorius Scntel yellowiſh; thorax ſpotted: edges of the abdominal ſegments and tail white: legs rufous.
Inhabits *India*.
Lip white with a ſpear-ſhaped black ſpot: *thorax* black with an oblique white line each ſide under the wings and 2 yellow ones under it: *abdomen* black, the firſt ſegments with 2 white dots, the reſt edged with white, the 2 laſt entirely white.

Porrectorius. Scutel yellow; thorax ſpotted: abdomen black, the ſegments 2. 3 4. rufous at the top and edged with white.
Inhabits *Kiel*; ſmall.
Head black, lip orbits and dot under the antennæ yellow; *thorax* black with a yellow line each ſide under the wings double dot beneath

beneath and large ſpot: *abdomen* petiolate incurved: *legs* rufous, white at the baſe; hind-tarſi black, white before the tip.

Irroratorius. Scutel yellowiſh; thorax ſpotted: body black; firſt ſegment of the abdomen with a white dot, the reſt edged with white.

Inhabits *America*: ſmall.

Head black, front and orbits white: *thorax* black ſpotted with white: *ſting* as long as the body with a ſhort ſpine beneath it: *legs* white, thighs and hind-ſhanks black.

Oratorius. Scutel white; thorax ſpotted; body black: firſt and ſecond ſegments of the abdomen edged with white, the ſeventh entirely white.

Inhabits *Germany*: large.

Head black: *lip* yellow: fore-margin of the *thorax* and line under the wings white: *legs* black, fore-ſhanks white, hind-ones with a white ring.

Infractorius. Scutel yellow; thorax ſpotted: ſegments of the abdomen edged with yellow; legs yellow, thighs black.

Inhabits *Europe*.

Antennae convolute, annulate with white within the middle, the firſt joint beneath yellow: *thorax* black with a white line before and dot under the wings: *abdomen* black with 5 yellow bands.

Ambulatorius. Scutel yellowiſh; thorax ſpotted: ſecond ſegment of the abdomen ferruginous, the reſt edged with white.

Inhabits *England*. In the muſeum of Sir *Joſ. Banks*.

Head black: *antennae* yellow beyond the middle: *thorax* black with a yellow line before and dot under the wings: ſegments of the *abdomen* 3, 4, 5, edged with white: *legs* rufous.

Precatorius Scutel yellowiſh; thorax ſpotted: body black: all the ſegments of the abdomen white at the margin; legs rufous.

Inhabits *Saxony*: ſmall: *Front* whitiſh: *thorax* black, the ſides reddiſh with 4 yellow dots: firſt ſegment of the *abdomen* a little reddiſh at the ſides: *hind-ſhanks* white at the baſe.

Seductorius Scutel yellowiſh; thorax ſpotted: abdomen with 2 yellow bands and tip

Inhabits *France*; large.

Ilead black with yellow orbits and ſpot under the antennæ: *thorax* black with 2 yellow dots on the fore-margin and callous dot before the wings: *abdomen* petiolate black: *legs* yellow, the joints ferruginous.

Obſoletorius Scutel white: thorax ſpotted: ſecond and third ſegments of the abdomen with an obſolete rufous ſpot each ſide.
Inhabits *Kiel*; ſize of I. molitorius.
Thorax black with a yellow dot each ſide under the wings: *legs* black, ſhanks white at the baſe.

• *Piſorius* Scutel white; thorax with a white line each ſide: abdomen teſtaceous with a black petiole.
Inhabits *Europe*. *Schaeff Icon. tab.* 6. *fig.* 12.
Head black, orbits white: *thorax* black with a white marginal line and dot under the wings: *legs* teſtaceous: *thighs* black.

Exſpectorius. Scutel white; thorax ſpotted: body black abdomen rufous, the firſt ſegment black.
Inhabits *Italy*. *Fabric. Append.* iv. *p.* 455.
Head black, mandibles rufous tipt with black: *thorax* with 2 white dots: *legs* rufous, thighs black.

Aſſertorius Scutel and line under it white: thorax ſpotted; abdomen and legs ferruginous.
Inhabits *Germany*; ſmall.
Head black, orbits white: *thorax* with a white line each ſide: *legs* black, the hind-ones white before the tip.

Ferrugatorius. Scutel rufous; tip of the thorax rufous at the ſides: body black, tail white: head with 2 white dots.
Inhabits *Guinea*.
Four *fore-legs* ſubferruginous, the hind-ones black.

Conſtrictorius. Scutel yellowiſh; thorax 2-toothed ſpotted: ſecond ſegment of the abdomen ferruginous.
Inhabits *Europe*. *Fn. Suec.* 1585.

Hæmatopus Black; legs rufous: ſting very ſhort: abdomen ſubcompreſſed and gradually dilated.
Inhabits *Bavaria*. *Schranck. Reis. p.* 260.

Umbellatarum. Black; legs tawny; ſecond and third ſegments of the abdomen and upper-part of the fourth cheſnut: antennæ paler at the baſe.
Inhabits *Bavaria*. *Schranck. Reis. p.* 261.

Piſtus

Pictus. Scutel yellowiſh ; antennæ ferruginous, black in the middle: 2 ſegments of the abdomen fulvous, the reſt tipt with white.
Inhabits *Auſtria.* *Schranck. Inſ. Aust. p.* 348. *n.* 702.

Tyrannus Scutel whitiſh ; moſt of the ſegments of the abdomen edged with white: legs teſtaceous.
Inhabits *Austria.* *Schranck. Inſ. Auſt. p.* 347. *n.* 701.
Body black with a white line each ſide under the wings and before the eyes: joints of the *legs* white.

Rimaculatus. Scutel yellowiſh: body black: 2 laſt ſegments of the abdomen with a clay-colour ſpot above.
Inhabits *Austria.* *Schranck. Inſ Auſt. p.* 347. *n.* 708.

Ferrugineus Dark ferruginous ; ſcutel fulvous ; thorax with fulvous ſpots ; eyes and tip of the abdomen black.
Inhabits *Auſtria.* *Schrank. Inſ. Auſt. p.* 345. *n.* 697.

**Primatorius* Black ; ſcutel yellowiſh ; thorax ſpotted: ſecond and third ſegments of the abdomen ferruginous, the laſt white ſpotted.
Inhabits *England.* *Forst. Nov. Inſ.* 1. *p.* 81.

**Xanthorius.* Black ; ſcutel yellow: antennæ with a yellow ring: thorax ſpotted: abdomen petiolate, annulate with yellow: legs yellow, thighs black.
Inhabits *England.* *Forst. Nov. Inſ.* 1. *p.* 83.

Seductor. Black ; ſcutel yellow ; tip and petiole of the abdomen and crenate band on the fore-part yellow: legs moſtly yellow.
Inhabits *Pavia.* *Scopol. Del. Inſ. tab.* 23. *fig.* 1.
Forms a neſt of cemented clay, in chimneys and windows, divided into cylindrical cells, in each of which is contained and cylindrical brown lucid follicle, and in this the larva, with frequently the carcaſe of a ſpider in which the inſect had depoſited her eggs.

Lineolatus Abdomen and legs ferruginous: thorax ſpotted with a white line each ſide towards the wings and another under the wings.
Inhabits *Europe.* *Muſ. Lesk. p.* 57. *n.* 140.

Mlanogaſter. Scutel yellowiſh: abdomen black, the firſt ſegment with a ferruginous line each ſide: ſhanks ferruginous.
Inhabits *Europe.* *Muſ. Lesk. p.* 57. *n.* 143.

Multicolor. Black; head and thorax ſpotted: antennæ ferruginous at the baſe and tip with brown: legs rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 57. *n.* 144.

Dealbatus Black; petiole of the abdomen and ſegments 1, 5, 6, 7, white; ſhanks white, the hind ones tipt with black.
Inhabits *Europe* *Muſ. Lesk. p.* 57. *n.* 145.
Shanks ſometimes all black at the baſe and tip.

Leucomelas Black; ſcutel yellowiſh: inner margin of the eyes and tip of the abdomen white; ſhanks grey-ferruginous.
Inhabits *Europe*. *Muſ. Lesk. p.* 57. *n.* 146.

Trilineatus Black; crown and double line on the ſcutel white: legs rufous, the ends of the hind-ones brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 57. *n.* 148.

Brachyacanthus. Black; head and thorax ſpotted: line on the ſcutel and tip of the abdomen white: ſting very ſhort: ſhanks brown, whitiſh at the baſe
Inhabits *Europe*. *Muſ Les. p.* 57. *n.* 150.

Ochropis Black; ſcutel yellowiſh: antennæ yellow at the baſe: front yellow: legs rufous.
Inhabits *Europe*, *Muſ. Lesk. p.* 57. *n.* 151.

Sanguinolentus. Thorax ſpotted: ſcutel yellow; orbits and ends of the legs white: abdomen and hind-legs red, the joints and short ſting black.
Inhabits *Europe*. *Muſ. Lesk. p.* 57. *n.* 152.

Leucoſtictos Baſe of the thorax and dot under the wings and orbits white: abdomen ferruginous; legs rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 57. *n.* 153.

Biſcuratus Black; double ſcutel yellow: thorax with a white dot before and under the wings: 2 laſt ſegments of the abdomen white: legs red.
Inhabits *Europe*. *Muſ Leſk. p.* 58. *n.* 154.

Agreſtorius Scutel yellow; thorax ſpotted: abdomen black, hind-margin of the ſegments and legs ferruginous.
Inhabits *Orenburg*. *Act. Petr.* 1787. 1. 2. *n.* 32.
Fore-part of the *head* and *tail* ferruginous.

B. *Scutel white or yellow; antennæ entirely black.*

Equitatorius. Black; scutel whitish; incisures of the abdomen black, the segments 2, 3, 4, and legs yellow.
Kobet. Panzer von der Baumt. Nadorl. tab. 3.
In the pupa of the *Phalæna piniperda.*

*Dimicatorius. Black; scutel yellow: antennæ beneath rufous: thorax with a spine each side: abdomen with 2 yellow belts and tail.
Inhabits *England. Forst. Nov. Inf. p.* 82.

*Luctatorius. Scutel white; thorax spotted: second and third segments of the abdomen pale yellow.
Inhabits *Europe* and *New Zealand.*
Thorax reticulate under the scutel.

Lotatorius Scutel yellowish; thorax spotted: second segment of the abdomen rufous.
Inhabits *New Zealand.* In the Museum of Sir *Jos. Banks.*
Thorax black with a yellow dot under the wings: *abdomen* black: *legs* rufous.

*Negatorius. Scutel white; thorax spotted: second and third segments of the abdomen entirely, the rest edged with ferruginous.
Inhabits *England* In the museum of *Sir Jos. Banks.*
Head black: *thorax* black with a yellow dot under the wings: second segment of the *abdomen* with a black spot: *legs* yellow hind thighs black.

Laberatorius. Scutel white: thorax spotted: second and third segments of the abdomen rufous, all edged with yellow.
Inhabits *Kiel*; size of J. luctatorius.
Head black, front yellow: *thorax* black with a yellow line before and one under the wings: *abdomen* black: *legs* rufous, hind-thighs black.

Occisorius Black; scutel yellowish: second segment of the abdomen at the base, third entirely, the rest edged with yellow.
Inhabits *Saxony.*
First joint of the *antennæ* yellow beneath: *head* black, yellow under the antennæ: *thorax* with a yellow line before the wings and dot under them: *legs* yellow.

Osculatorius Black; scutel white; thorax spotted: segments of the abdomen 2, 3, 4. rufous with a black band.
Inhabits *Kiel.*

Hecta

Head black, mouth yellow: *thorax* with a yellow line before the wings: *legs* rufous, hind tarsi black.

**Fasciatorius.* Scutel white; thorax spotted: abdomen black, base of the second segment and third and sixth entirely yellow.
Inhabits *England*; size of I. luctatorius.
Head black, yellow under the antennæ: *antennæ* above black, beneath yellow: *thorax* black, 2-toothed before with a yellow dot before and under the wings: *legs* yellow, the 4 fore-ones with a black spot on the thighs; hind-thighs and shanks tipt with black.

Nugatorius Black; scutel white; thorax spotted: abdomen rufous, the first segment black.
Inhabits *Italy*. *Fabric.* iv. *Append. p.* 455.
Antennæ rufous beneath: *head* black, orbits and band on the lip yellow: *thorax* black with a white dot under the wings: *legs* ferruginous, thighs black.

Volutatorius Scutel yellowish; thorax spotted: all the segments of the abdomen edged with yellow.
Inhabits *Northern Europe*
Thorax with a yellow line under the wings and 2 dots under the scutel: *antennæ* yellow beneath.

Mercatorius Scutel yellowish: thorax spotted: base of the second and third segments of the abdomen and tip of the others yellow.
Inhabits *Italy*: size of the last.
Antennæ dark ferruginous: *head* black, orbits and lip yellow: *thorax* black with a yellowish callous dot before the wings: *abdomen* petiolate black: *legs* yellowish, hind-thighs black: *wings* a little yellowish.

Vaginatorius. Scutel white: thorax spotted: abdomen black with 5 white bands, the third interrupted.
Inhabits *Northern Europe*.
First segment of the *abdomen* with 2 white dots.

**Annulatorius.* Scutel yellowish; thorax spotted; 4 first segments of the abdomen edged with yellow: wings hyaline.
Inhabits *England*. In the museum of *Sir Jos. Banks*.
Head black, front yellow; *antennæ* above black, beneath yellow: *thorax* with a yellow line before the wings, dot under them and 2 spots under the scutel: *legs* ferruginous, hind-thighs and shanks tipt with black.

Maculatorius.

Maculatorius. Black ſpotted with yellow; ſcutel yellowiſh: abdomen cylindrical, the 4 firſt ſegments edged with yellow: wings brown at the tip.
Inhabits *Saxony*.
Head black, mouth and orbits yellow: *thorax* with yellow: *abdomen* beneath reddiſh: *legs* yellow, hind-thigh black.

Necatorius. Black; ſcutel 2-toothed edged with yellow: ſegments of the abdomen edged with yellow.
Inhabits *Germany*.
Head black with a yellow ring on the front and 3-toothed behind. *thorax* with a yellow dot before the wings: ſecond ſegment of the abdomen with a yellow dot each ſide: *legs* ferruginous, hind-thighs black.

Frontatorius. Scutel yellow; thorax ſpotted: front and baſe of the thighs white.
Inhabits *Zealand*.
Antennae black, the firſt joiut white beneath: *thorax* with a ſmall white dot before the wings: *abdomen* black immaculate: 4 *fore-legs* rufous, the thighs white at the baſe; hind-ones black, the thighs and ſhanks white at the baſe.

Bidentorius Scutel yellow; thorax ſpotted: ſecond and third ſegments of the abdomen yellow at the baſe: legs rufous.
Inhabits *Northern Europe*.
Head black, front yellow: *thorax* black with a yellow dot under the wings. *Thorax* ſometimes 2-toothed, ſometimes unarmed.

Marginatorius. Scutel yellow; thorax ſpotted: 2 firſt ſegments of the abdomen with a yellow band, the reſt edged with yellow.
Inhabits *Kiel*.
Head black, front yellow: *antennae* above black, beneath yellow: *thorax* black with yellow lines and dots: *legs* yellow, thighs black.

**Perſuaſorius.* Scutel white; thorax ſpotted: all the ſegments of the abdomen with 2 white dots each ſide.
Inhabits *Europe*. *Schaeff. Icon. tab.* 30. *fig.* 2.

Lituratorius. Scutel yellowiſh; thorax ſpotted: abdomen black, 4 of the ſegments yellow in the middle: legs ferruginous.
Inhabits *Europe*. *Fn Suec.* 1594.

Vagatorius.

Vagatorius. Scutel yellowish; thorax spotted: abdomen cylindrical the segments notched at the edge, with a yellow mark.
Inhabits *Saxony*; larger than I. persuasorius.
Head black, ferruginous behind the eyes. *thorax* black with a yellowish fore-lobe large dot and 2 dorsal lines, under the scutel a yellowish line. *wings* half as long as the abdomen, hyaline with a yellowish spot: *legs* ferruginous.

* *Designatorius.* Scutel yellowish; thorax spotted: abdomen black, the 3 first segments with a white dot each side.
Inhabits *Northern Europe.*

* *Editorius.* Scutel yellowish; thorax spotted, with 2 dots each side: abdomen entirely black.
Inhabits *Northern Europe.*

Dubitorius. Scutel yellowish; thorax spotted: abdomen yellow tipt with black: wings with a brown band.
Inhabits *New Holland.* In the museum of Sir *Jos. Banks.*
Antennae and *head* black; *thorax* with a yellow border: 2 last segments of the *abdomen* black: *legs* yellow; hind-ones black, base of the shanks yellowish.

Lætatorius Black; scutel white; thorax spotted: abdomen rufous tipt with black: hind-shanks with a white ring.
Inhabits *Germany*; small.
Head black, orbits white: *thorax* with 2 white dots under the wings and one under the scutel: *legs* rufous.

Flavatorius Fulvous; scutel white: antennæ and last segments of the abdomen black.
Inhabits *Italy. Fabricius.* iv. *Append p.* 456.
Head fulvous, eyes and stemmata black: *thorax* fulvous with sometimes a black patch on the back: *legs* fulvous, hind-thighs tipt with black.

* *Fuscorius.* Scutel yellowish; thorax spotted: abdomen pale yellow.
Inhabits *Europe.*

Meliorator-ius. Scutel yellowish; thorax spotted: abdomen black, edges of the segments head and legs ferruginous.
Inhabits *Otaheite.* In the museum of Sir *Jos. Banks.*
Antennae black: *thorax* black with ferruginous spots.

Luteorius. Scutel yellowish; thorax with 4 yellow lines: whole abdomen and legs pale yellow.
Inhabits

Inhabits *Italy*.
Head yellow, crown black: *antennae* black, yellow at the base.

*Deliratorius. Scutel yellowish; thorax spotted, with 3 dots each side: abdomen black: shanks white.
Inhabits *Europe*.

Falcatorius Scutel yellowish; thorax variegated: abdomen subfalcate, ferruginous at the base and tipt with black.
Inhabits *Germany*.
Antennae black, beneath yellow: *head* black, yellow under the antennæ with a black line in the middle and 2 dots: *thorax* varied with black and yellow: *legs* yellow.

Sponsorius. Scutel white; thorax immaculate: abdomen testaceous, the base black and tip yellow.
Inhabits *Germany*; small.
Head black, mouth yellow: *legs* yellow.

Sollicitorius Scutel yellow; thorax immaculate: 3 first segments of the abdomen rufous.
Inhabits *New Zealand*. Museum of Sir *Jos. Banks*.
Antennae black: *head* black, front yellow: *legs* rufous.

Nuptatorius Scutel white; thorax immaculate: abdomen rufous tipt with black, the tail white.
Inhabits *Zealand*.
Antennae black: *head* black, orbits white: petiole of the *abdomen* black: *legs* black.

Segmentorius. Scutel yellowish; thorax immaculate: abdomen black, the segments 2, 3, 4 rufous.
Inhabits *Kiel*.
Head black, front whitish: *legs* rufous, hind thighs black.

*Fossorius. Scutel yellowish; thorax immaculate: abdomen black, legs rufous.
Inhabits *Europe*. *Head* black, mandibles rufous.

Punctorius. Scutel yellow; thorax immaculate: abdomen black, the first and second segments rufous, the third with a white dot each side.
Inhabits *Saxony*.
Head black, orbits silvery: *upper-wings* with a brown band.

Cinctorius Scutel white; thorax immaculate: abdomen black with a white band at the tail.
Inhabits *England*.
Antennæ black, piceous at the base: *head* and *thorax* black: *legs* ferruginous.

Decoratorius. Ferruginous; scutel yellow; last segment of the abdomen with a black band.
Inhabits *New Zealand*. Museum of Sir *Jos. Banks*.
Antennæ black: *wings* hyaline yellowish.

Cirrhogaster. Black; scutel yellowish: abdomen petiolate and with the legs rufous.
Inhabits *France*. *Geoffr. Inf. par.* 2. *p.* 330.

Superbus. Scutel yellow: segments of the abdomen with a yellow spot each side.
Inhabits *France*. *Geoffr. Inf. par.* 2. *p.* 335.

Tricolor. Black; scutel yellowish: abdomen subpetiolate: thighs rufous, shanks whitish.
Inhabits *Austria*. *Schranck. Inf. Aust. p.* 351. *n.* 708.

Dichrous. Black; scutel yellowish; thorax spotted: abdomen sessile ovate fulvous tipt with black.
Inhabits *Austria*. *Schranck. Inf. Aust. p.* 352. *n.* 710.

Brachyurus Fulvous; scutel fulvous: thorax and eyes black: abdomen linear, black at the base.
Inhabits *Austria*. *Schranck. Inf. Aust. p.* 352. *n.* 711.
Head and *abdomen* testaceous: *legs* yellow.

Rufipes. Black; scutel yellowish: legs rufous, tip of the hind-shanks and ends of the legs brown.
Inhabits *Europe*. *Mus. Lesk. p.* 58. *n.* 158.

Trichrous. Black; thorax with a white line under the wings: legs rufous, ends of the hind-ones black.
Inhabits *Europe*. *Mus. Lesk. p.* 58. *n.* 159.

Ochromelas. Scutel yellowish; line on the front and dot before and under the wings yellow: thighs black: tip of the 4 fore-ones and shanks pale yellow, the hind-ones tipt with black.

Inhabits

Inhabits *Europe*. *Muſ. Lesk. p.* 58. *n.* 160.
Antennae above black, the ſegments 4, 5, 6: with a white ſpot, 1, 2. ferruginous.

Flavatus. Scutel yellow; front yellow; black in the middle: antennæ brown, beneath ferruginous; thorax with a white ſpot before and under the wings: legs rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 58. *n.* 161.
Abdominal *ſegments* 1, 2, 3. yellow at the hind-margin and cut in the middle, 5, 6, 7. whitiſh.

Auratus. Black; baſe of the antennæ front mouth and ſhanks yellow: 2 firſt ſegments of the abdomen yellowiſh.
Inhabits *Europe*. *Muſ. Lesk. p.* 58. *n.* 163. b.

Fuſcatus. Blackiſh; ſcutel ſhanks and ends of the legs yellowiſh: thorax ſpotted: orbits yellow: thighs brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 58. *n.* 164.
Tip of the *hind ſhanks* obliquely brown.

Rufatus. Black; ſcutel yellow with a rufous line behind: antennæ feelers and legs rufous; hind-ſhanks and baſe of the tarſi white.
Inhabits *Europe*. *Muſ. Lesk. p.* 59. *n.* 165.

Fuſcicornis. Black; front and ſcutel yellow: legs rufous, joints of the hind-ones and tip of the ſhanks behind black.
Inhabits *Europe*. *Muſ. Lesk. p.* 59. *n.* 166.
Antennae brown, ferruginous at the baſe beneath.

Fuſcipes. Black; thorax with a white line each ſide before the wings and dot under them: legs brown, 3 hind-ſhanks with a white ring.
Inhabits *Europe*. *Muſ. Lesk. p.* 59. *n.* 168.

Strigoſus. Black; ſcutel with 2 yellow tranſverſe lines: petiole of the abdomen and 2 firſt ſegments yellow: tip of the fore-thighs and ſhanks yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 59. *n.* 169.
Upper-wings with a white ſpot at the baſe: firſt ſegment of the *abdomen* with a black dot: *hind-ſhanks* tipt with black.

Tripunctatus. Scutel, petiole of the abdomen and moſt of the ſegments yellow: thorax with 3 yellow dots each ſide: front ferruginous: legs rufous.
Inhabits *Europe*, *Muſ. Lesk. p.* 59. *n.* 170.

Antennae reddish-yellow, the back brown, the base yellow before: *front* with a black line and dot each side: tip of the *thighs* and of the hind-shanks black.

Bidentatus Black; scutel yellow; thorax 2-toothed, yellow behind: 2 first segments of the abdomen ferruginous.
Inhabits *Europe*. *Mus. Lesk. p.* 59. *n.* 171.
Four *fore-legs* reddish-brown, the rest black.

Geminus. Black; scutel yellow with a double elevation: orbits mouth and shanks yellow; legs rufous.
Inhabits *Europe*. *Mus. Lesk. p.* 59. *n.* 174.
Thorax spotted: *hind-shanks* tipt with black.

C. *Scutel the colour of the thorax: antennæ annulate.*

Nigrator. Black; thorax with 2 white dots: legs rufous thighs black.
Inhabits *Kiel*.
Antennae black with a broad white band: *abdomen* immaculate: *wings* dusky.

Reluctator. Black; abdomen piceous in the middle: fore-shanks clavate.
Inhabits *Northern Europe*.

Objurgator Black; head and fore-part of the thorax ferruginous: wings blue, upper-pair with a hyaline dot.
Antennae black annulate with white: *abdomen* petiolate: *fore-legs* piceous; hind-ones black the shanks with a white ring at the base.

**Comitator* Entirely black: antennæ with a white band.
Inhabits *Europe*. *Reaum. Inf.* 6. *tab.* 29. *fig.* 1—4.

Annulator. Black; legs rufous, shanks annulate with white.
Inhabits *Saxony*.
Antennae black annulate with white.

Zonator. Black; abdomen ovate rufous: legs rufous, the hind-ones white before the tip.
Inhabits *Italy*; resembles the last.

Clavator. Black: legs rufous, the hind-ones tipt with white; abdomen compressed clavate.
Inhabits *Kiel*.
Antennae black with a broad white band: *abdomen* petiolate.

Vigilator.

Vigilator. Black; fifth ſegment of the abdomen edged with white: upper-wings tipt with black.
Inhabits *Africa*. Muſeum of Sir *Joſ. Banks*.
Antennae black with a white band: *legs* black.

Reſtaurator Black: abdomen with a white ſtreak: legs ferruginous.
Inhabits *Germany*; ſmall.
Antennæ as long as the body, black with a white ring in the middle *i ſting* ſhort black.

Caudator. Black; abdomen clavate with 3 pale bands: thighs rufous.
Inhabits *New Holland*. Muſeum of Sir. *Joſ. Banks*.
Antennæ black with a white ring: *ſting* rufous with a ſingle briſtle and 2 ſhort white recurved horns tipt with black.

Debellator Black: 4 middle ſegments of the abdomen rufous: thighs black clavate.
Inhabits *Sweden*; large.
Antennae yellowiſh at the baſe: firſt and laſt ſegment of the *abdomen* black.

Irrigator. Black; abdomen ferruginous tipt with black; upper-wings with a black ſpot in which is a white dot.
Inhabits *Saxony*; large.
Antennae black with a white band: *legs* piceous.

Migrator. Black; abdomen ferruginous tipt with black: ſhanks white.
Inhabits *Europe*.

Sputator. Black; thorax immaculate: ſecond and third ſegments of the abdomen rufous.
Inhabits *Germany*.
Legs rufous, thighs black.

Dimidiator Black; hind-part of the thorax and fore-part of the abdomen ferruginous.
Inhabits *Germany*.
Antennae black, rufous at the baſe and annulate with white in the middle: hind-part of the *thorax* and *ſcutel* ferruginous: *legs* rufous, the hind-ones tipt with black.

Abbrevia-tor. Black: abdomen very ſhort clavate rufous, the tip black truncate.
Inhabits *Saxony*.
Antennae black with a white band: *abdomen* with a long petiole: *legs* rufous, hind-ſhanks black.

Spenſor.

Sponsor. Black: thorax immaculate: abdoman black: legs rufous, the hind-tarsi black.
Inhabits *Germany*.

Profligator. Black; abdomen ferruginous with a black petiole: legs rufous.
Inhabits *Europe*; small.
Antennae black, ferruginous in the middle, *hind-legs* varied with black.

**Peregrinator.* Black: subclavate legs and abdomen ferruginous, the 2 last segments black, tail whitish.
Inhabits *Europe*. *Fn. Suec.* 1601.

**Incubator* Black: abdomen ferruginous, the tip black with a white spot: wings hyaline; antennæ fasciate.
Inhabits *Europe*. *Geoffr. Inf.* 2. *tab.* 16, *fig.* 1.

Instructor. Ferruginous; head breast and tips of the abdomen and wings black.
Inhabits *Barbary*; large.
Antennae ferruginous at the base, the middle annulate with white, the tip brown: *thorax* above rufous beneath black: *abdomen* pectinate, the segments 1, 2, 3. ferruginous: *wings* yellowish: *legs* rufous, hind-thighs black.

Exhortator Ferruginous: head and tip of the abdomen black, the tail white.
Inhabits *Kiel*.
Antennae black annulate with white, the base ferruginous: *legs* ferruginous, the joints black: *wings* white with a marginal black dot.

Ferrugator Ferruginous: antennæ tipt with black.
Inhabits shores of *America*.
Breast sometimes black at the sides.

Abbreviatus. Black; abdomen rufous, the tip black with a white streak: wings very short.
Inhabits *Kiel*; on old Walls,
Antennae rufous at the base within the middle and tipt with black: *legs* rufous, hind thighs tipt with black.

Semiannulatus. Black; abdomen petiolate, the second and third segments rufous: antennæ with a divided band.
Inhabits *Austria*. *Schranck. Inf. Aust. p.* 353. *n.* 713.

Violet

Viator. Black; legs entirely fulvous.
Inhabits *France*. *Geoffr. Inf. par.* 2. *p.* 340.

Cothurnatus Black; middle of the abdomen and legs rufous, hind-tarſi white.
Inhabits *Auſtria*. *Schranck. Inf. Auſt. p.* 355. *n.* 716.

**Obſcurator.* Entirely black; legs rufous, the ends of the hind-ones tipt with white.
Inhabits *England*. *Forſt. Novi. Inſ. p.* 84.

Flavipes. Yellow; ſpot on the crown and eyes black: third ſegment of the abdomen behind and lower-ones piceous.
Inhabits *Europe*. *Muſ. Lesk. p.* 50. *n.* 175.
Antennae brown annulate with white: *thorax* ſpotted with brown.

Obſoletus. Black; 2 ſegments of the abdomen with a white dot: legs rufous tip of the hind-ſhanks black.
Inhabits *Europe*. *Muſ. Lesk. p.* 59. *n.* 177.

Hæmatoſtoma. Black; mouth and legs rufous; laſt ſegment of the abdomen but one with a ferruginous ſpot beneath.
Inhabits *Europe*. *Muſ. Lesk. p.* 60. *n.* 178.

Ochropus Black; legs, except the hind-ſhanks yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 60. *n.* 178. b.

Melanocephalus. Head and conic abdomen black the latter ſpotted with white: orbits and crown white: thorax and legs rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 60. *n.* 178. c.
Baſe of the *wings* and margin of the ſcutel black: petiole of the abdomen with a white dot each ſide.

Macrourus Black; legs rufous, metatarſi white; hind-ſhanks tarſi and band on the upper-wings brown: ſting twice as long as the abdomen.
Inhabits *Europe*. *Muſ. Lesk. p.* 6. *n.* 179.

Depreſſus. Black: abdomen depreſſed: legs rufous.
Inhabits *Europe*. *Muſ. Leſk. p.* 60. *n.* 180.

Ferruginoſus. Black; 4-fore-thighs above and ſhanks ferruginous.
Inhabits *Europe*. *Muſ. Leſk. p.* 60. *n.* 182.

Ocreatus

Ocreatus. Black; legs rufous, hind-ſhanks brown: ſting as long as the abdomen.
Inhabits *Europe*. *Muſ. Lesk p.* 60. *n.* 183.

Diſcolor. Black; firſt pair of legs whitiſh, ſecond whitiſh-brown, third brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 60. *n.* 184.

Clavipes. Black; legs rufous: ſhanks clavate, white in the middle on the outſide.
Inhabits *Europe* *Muſ. Lesk. p.* 60. *n.* 185.

Digitatus. Black; legs rufous, claws brown: ſting ſhorter than the abdomen.
Inhabits *Europe*. *Muſ. Lesk. p.* 60. *n.* 188.

Atratus, Black; abdomen ferruginous, the 4 laſt ſegments black: legs rufous; antennæ ferruginous with a brown ring, the tip black.
Inhabits *Europe*. *Muſ. Lesk. p.* 60. *n.* 189.

Curtus. Black; legs teſtaceous, end of the tail white.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 355. *n.* 717.

Fiſcheri. Black; baſe of the antennæ ſhanks tarſi and abdomen except the petiole and tip rufous: thighs clavate,
Inhabits *Austria*. *Schranck. Inſ. Auſt. p.* 356. *n.* 718.

D. *Scutel the colour of the thorax: antennæ black.*

Itinerator. Pale yellow; crown and wings black.
Inhabits *Guinea*; ſize of I. deſertor.
Wings black, upper pair with a faint white lunule in the middle: *legs* yellow, hind-tarſi black.

Pennator. Pale yellow; antennæ and wings black.
Inhabits *Georgia*; large. *Legs* yellow.

**Deſertor.* Pale yellow; wings brown with a white band.
Inhabits *Europe*. *Schaeff. Icon. tab.* 20. *fig.* 2. 3.

Nominator. Pale yellow ſpotted with black; wings brown with a white lunule.
Inhabits *France*; ſize of I. deſertor.
Head with a large black frontal ſpot: *thorax* ſpotted with black: ſegments of the *abdomen* 1, 2, with a black ſpot, the laſt with 2.

Purgator.

Purgator. Pale yellow; antennæ and ſting black: wings hyaline with 2 brown bands.
Inhabits *France*.
Sting as long as the abdomen.

Faſtidiator Scarlet; wings brown, upper-pair with a ſcarlet marginal ſpot.
Inhabits *Africa*, In the muſeum of *Sir. Joſ. Banks.*
Head red, crown black: *legs* ſcarlet.

Aridator. Thorax 2-ſpined rufous; abdomen black with 4 white ſtreaks.
Inhabits *America*. *Degeer. Inſ.* 3. *tab.* 30. *fig.* 16.
Thorax with 2 ſmall erect white ſpines behind: *wings* brown: *legs* ferruginous.

Proficiſcator Pale yellow; upper-wings with a brown band at the tip: antennæ black.
Inhabits *New Holland*. Muſeum of Sir *Joſ. Banks.*
Head black, eyes large yellow: *wings* yellow: *legs* yellow, the ends of the hind-ones brown.

Hoſpitator. Pale yellow; upper-wings with a brown band and tip: antennæ and tail black.
Inhabits *New Holland*. In the Muſeum of Sir *Joſ. Banks.*
Two laſt ſegments of the *abdomen* black.

Ornator. Pale yellow; upper-wings with a black band and tip: head tail and hind-thighs black.
Inhabits *Cayennae*.
Wings yellowiſh, lower-pair hyaline at the tip.

Pedator. Pale yellow; ſegments of the abdomen with a black dot each ſide; antennæ and ſting black.
In abits *India*. I. punctatus. *Lin. Syſt. Nat.*
Head yellow, crown black; *thorax* yellow with 5 black dots: ſegments of the *abdomen* 6. 7. immaculate: *legs* yellow, hind-joints with a black dot.

Denunciator Rufous: head and tip of the abdomen black; wings black, upper-pair with a white ſpot in the middle.
Inhabits *Africa*. Muſeum of Sir *Joſ. Banks.*
Head black, mouth rufous: *abdomen* ſtriate.

Nominator Pale yellow: ſecond and third ſegments of the abdomen with a brown ſpot, the reſt black: all the wings with a brown band and tip.

Inhabits *Cayenne*.
Legs yellow, the hind-ones black; thighs and ſhanks black at the baſe.

Antennator Pale yellow: crown back of the thorax tail and tip of the wings black.
Inhabits *Cayenne*.
Antennae with an elongated ſubulate club: *thorax* yellow, black on the back: laſt ſegment of the *abdomen* above black: *lower-wings* yellow at the tip.

Defenſor. Ferruginous: tail and hind legs black: wings browniſh.
Inhabits *New Holland*. Muſeum of Sir *Joſ. Banks*.
All the *legs* ſometimes black.

Aculeator. Ferruginous; ſting black: wings yellowiſh with a black marginal dot.
Inhabits *Tranquebar*.
Mandibles tipt with black: *antennae* black, the firſt joint ferruginous: all the *legs* yellow.

Femorator. Ferruginous; abdomen and hind-legs black: wings yellow with a black marginal dot.
Inhabits *Tranquebar*; large.
Antennae black, the firſt joint thicker and ferruginous: *abdomen* beneath ferruginous at the baſe.

Biguttator. Entirely black: ſcutel with 2 dots.
Inhabits *Upſal*. *Thunb. Nov. Act* 4. *p.* 24. *n.* 41.

Arrogator. Black; ſecond and third ſegments of the abdomen fulvous: wings black with a teſtaceous coſtal ſpot.
Inhabits *Italy*; large.

Inſidiator. Black: head pale: wings blackiſh with a white ſpot and dot.
Inhabits *Africa*. Muſeum of Sir *Joſ. Banks*.
Antennae piceous at the tip: *abdomen* paleiſh beneath: *legs* black, fore-ſhanks teſtaceous.

Capitator. Black: head rufous: wings black immaculate.
Inhabits *New Holland*. Muſeum of Sir. *Joſ. Banks*.
Segments of the *abdomen* whitiſh at the edges.

Mutator. Black; thorax rufous: wings brown.
Inhabits *New Holland*. Muſeum of Sir *Joſ. Banks*.
Abdomen beneath pale at the baſe: *wings* yellowiſh-brown.

Lepi-

Lepidator. Black; thorax rufous; 2 firſt ſegments of the abdomen with a white dot each ſide, lower-ones tipt with white.
Inhabits *Saxony*.
Breaſt blackiſh in the middle: *abdomen* petiolate, the third ſegment immaculate; *wings* white: *legs* black, the fore-ones ferruginous. *Antennae* ſometimes annulate with white.

*Denigrator. Black; wings blackiſh with a hyaline lunule: abdomen ſcarlet.
Inhabits *Europe*. *Sulz. Hiſt. Inſ. tab.* 26. *fig.* 16.

Flavator. Black; wings blackiſh immaculate: abdomen yellow.
Inhabits *Barbary*; leſs than the laſt.

Initiator. Black; wings blackiſh: head and abdomen yellow.
Inhabits *Europe*; much reſembles the laſt.
Front black at the inſertion of the antennæ; *upper-wings* with a pale lunule in the middle; *ſting* and *legs* black.

*Corruſcator. Body and limbs black: wings brown hyaline.
Inhabits *Europe*.
Lip yellow; *ſhanks* white at the baſe.

*Rutilator. Black; antennæ beneath abdomen and 4 fore-legs rufous.
Inhabits *Europe*. Front yellow.

*Manifeſtor Black immaculate; abdomen ſeſſile cylindrical: legs rufous.
Inhabits *Europe*. *Linn. Tranſ.* iii. *p.* 23. *tab.* 4. *fig.* 1—5. *Reaum.* 6. *tab.* 29. *fig.* 16. *Degeer.* 1. *tab.* 36. *fig.* 9.

Approximator. Black; abdomen cylindrical; legs red; front yellow
Inhabits *Zealand*; reſembles the laſt.
All the *legs* rufous: *wings* hyaline.

Polycerator Black; abdomen linear and very long: hind-ſhanks clavate.
Inhabits *India*. *Wings* ſhort white.

Lunator. Varied with black and yellow: abdomen clavate with yellow lunules each ſide.
Inhabits *North America*; large.
Antennae black, the firſt joint yellow: *head* beneath and orbits yellow: *abdomen* brown with yellow ſpots at the tip: *wings* hyaline

hyaline with a brown marginal ſpot: *legs* yellow: *ſting* twice as long as the body.

**Compunctor.* Black; mouth and legs rufous: abdomen petiolate: ſting ſhorter than the abdomen.
In the Pupæ of Butterflies. *Schaeff. Ic. tab.* 49. *fig.* 4.

Ovator. Black; thorax immaculate: fecond and third ſegments of the abdomen and legs ferruginous. hind-thighs black.
Inhabits *Italy*; large.

Fuſcator. Black: fore-legs ferruginous: wings with a black ſpot before the tip.
Inhabits *Sandwich Iſlands.* Muſeum of Sir *Joſ. Banks.*
Abdomen ſlightly petiolate.

Segmentator Black; thorax immaculate: 3 firſt ſegments of the abdomen at the edge and legs rufous
Inhabits *Sweden.*
Sting as long as the body: *wings* hyaline.

Enervator Black; legs rufous: ſting longer than the abdomen.
Inhabits *Kiel*; reſembles I. compunctorius.
Abdomen petiolate: *hind-legs* tipt with black.

Inſtigator. Black; abdomen ſeſſile: legs rufous, thighs black at the baſe. ſting ſhort.
Inhabits *Germany.* *Sting* black.

Irritator. Black: abdomen ferruginous, the whole of the firſt ſegment and 2 dots on the reſt black.
Inhabits *America.* Muſeum of Sir *Joſ. Banks.*
Thorax with a yellow dot before the wings: ſegments of the abdomen, except the firſt, with 2 dorſal tubercles of the ſame colour, the laſt immaculate: *wings* hyaline with a black marginal dot: *legs* ferruginous, hind-thighs black.

Lapidator. Dull blue: wings black: legs rufous.
Inhabits *Southern Europe.*

Deluſor. Black: abdomen ferruginous, the baſe and tip black: knees of the hind-legs black.
Inhabits *Europe.*

**Elongator* Black; ſegments of the abdomen 2, 3, 4, and legs rufous: hind-thighs black.
Inhabits *England.*

Apricot

Airator. Black; abdomen subcylindrical: hind-legs white before the tip.
Inhabits *Europe*. *Wings* white.

Mandator. Black; thorax immaculate: second and third segments of the abdomen and legs yellow.
Inhabits *Saxony*.
Antennae reddish beneath: first segment of the *abdomen* black, edged with yellow: second with a black spot: *thighs* black.

Restaxrator. Black; thorax with 2 white dots before the scutel: abdomen and legs piceous.
Inhabits *Kiel*; large.
Head black, orbits white: *thorax* with a white dot before the wings, one under them, and 2 before the scutel: first segment of the *abdomen* black: *legs* piceous.

Mojcbator Black: legs ferruginous tipt with white.
Inhabits *Denmark*; has a slight musky smell.

Castigator. Black; legs rufous; sting o.
Inhabits *Germany*.
Antennae sometimes rufous beneath.

Custodiator Black; 2 last segments of the abdomen with a white dot: legs rufous: sting o.
Inhabits *Germany*.
Antennae ferruginous beneath: *abdomen* petiolate: *hind-legs* tipt with black.

Nunciator. Black; legs rufous, hind-shanks black; abdomen subcompressed.
Inhabits *Germany*; small.
Feelers reddish: *sting* as long as the body: *wings* hyaline with a black marginal dot.

Fabricator. Black; front yellow: abdomen ovate: legs rufous: sting o.
Inhabits *Germany*.
First joint of the antennæ yellow beneath the rest ferruginous beneath: *hind-tarsi* black.

**Latrator* Black; segments of the abdomen 2, 3, 4, mouth and legs rufous; hind legs black annulate with rufous.
Inhabits *England* Museum of Sir *Jos. Banks*.
Antennae rufous beneath: thighs and shanks of the *hind legs* rufous at the base.

**Titilla.*

**Titillator* Black: abdomen ferruginous, the baſe and tip black: hind-legs black, white at the end.
Inhabits *Europe*.

Haſtator. Black: edges of the ſegments edged with rufous; ſcutel elevated 1-ſpined.
Inhabits *Europe*.
Head black, orbits teſtaceous: *thorax* with a yellow callous dot at the baſe of the wings: *wings* dull hyaline: *legs* rufous.

Cultellator. Black; abdomen compreſſed very acute and ferruginous: ſcutel emarginate.
Inhabits *Germany*
Thorax a little rugged and raiſed at the fore-margin.

**Venator*. Black; abdomen ſubfalcate, the baſe fleſh-colour beneath: legs rufous.
Inhabits *Europe*.
Abdomen with often a rufous curve or two.

Fornicator. Black; abdomen clavate arched immaculate: legs rufous.
Inhabits *Italy*; ſize of the laſt.

**Lineator*. Black; abdomen petiolate: front with yellow lines: fore-legs ferruginous.
Inhabits *England*. In the muſeum of Sir *Joſ. Banks*.
Front with 2 yellow lines: 2 *hind legs* black.

Extenſor. Black; abdomen ſubcylindrical: legs rufous: ſting longer than the body.
Inhabits *Europe*.

Maculator. Black; ſides of the abdomen and legs rufous.
Inhabits *Germany*.
Segments of the *abdomen* whitiſh at the edges: *hind-ſhanks* ſpotted with white: *wings* hyaline with a black marginal dot.

**Turionellæ* Black; legs rufous: hind-ſhanks annulate with white.
In the larvæ of *Moths*.

Anator. Black; thorax ſpotted: tail white: legs rufous.
Inhabits *Germany*; ſmall.
Antennæ yellowiſh beneath: *orbits* ſnowy; *mouth* reddiſh: *thorax* with a white line before the wings, a dot under them and 2 in the place of the ſcutel: *hind-tarſi* black.

**Strobilellæ*

*Strobibellae. Black: ſting twice as long as the abdomen: legs reddiſh, ſhanks and claws of the hind-ones annulate with white.
In the larva of the Tinea ſtrobibellæ.

*Oculator. Black; baſe of the abdomen with a yellow dot each ſide: thorax 2-toothed behind.
Inhabits *England*. In the muſeum of *Sir. Joſ. Banks*.
Thorax rough: *ſcutel* gibbous: *wings* hyaline with a yellow marginal dot: *legs* rufous: *abdomen* in one ſex immaculate.

Lucidator. Yellow; back of the thorax and firſt ſegment of the abdomen black.
Inhabits *Zealand*. ſmall.
Tail white; *legs* yellow, white at the ends.

Roborator. Black; abdomen rufous, edges of the ſegments and tail black: legs rufous:
Inhabits *Barbary*; ſmall.
Antennæ ſubferruginous at the tip: *wings* hyaline with a black marginal dot.

Fomentator Black; abdomen falcate, the third ſegment and fourth at the baſe yellowiſh: legs teſtaceous.
Inhabits *Sweden*.

Meyurator Black; ſecond and third ſegments of the abdomen ferruginous with a black dorſal triangle.
Inhabits *Saxony*.
Wings with a yellowiſh ſpot.

Pennator. Black; abdomen ſeſſile cylindrical; legs rufous: ſting hairy, as long as the abdomen.
Inhabits *Kiel*; leſs than I, extenſor.
Firſt joints of the *antennæ* ferruginous at the baſe: *wings* yellowiſh: *hind-ſhanks* white with a brown band.

Refinellæ. Black; legs yellow: abdomen ſeſſile cylindrical incurved: antennæ pale yellow at the baſe.
In the larvæ of the *Tinea refinellæ*.

*Prerogator. Black; abdomen oblong obtuſe: mouth and legs pale.
In the larvæ of the *Bombyx Salicis*.
Wings hyaline with a black marginal dot.

Barbator. Black; middle of the abdomen and legs ferruginous antennæ bearded.

Inhabits

Inhabits——In the muſeum of Sir *Joſ. Banks.*
Wings white with a ferruginous ſpot.

Cylindrator Black; abdomen ſeſſile cylindrical incurved, 3 of the ſegments rufous, the margin ſpotted with black.
Inhabits *Kiel.*
Thorax with a yellow dot before the wings: ſegments of the *abdomen* 2, 3, 4. with a rufous croſs and black triangular ſpot each ſide: *legs* rufous, hind-tarſi black.

Accuſator. Black; thorax immaculate: abdomen cylindrical, edges of the ſegments and legs rufous.
Inhabits *Germany.* Sting as long as the abdomen.

Stercorator. Black; front yellow: abdomen cylindrical; legs rufous, ſhanks and tarſi annulate with white and black.
Inhabits *Kiel.*
Antennæ yellowiſh beneath: *ſting* o: *wings* hyaline with a ſmall black marginal dot.

Incitator. Black; thorax ſpotted: abdomen cylindrical: legs rufous: ſting ſhort
Inhabits *Germany*; ſmall.
Antennæ yellowiſh beneath: *mouth* yellowiſh: *thorax* with a white line each ſide before the wings and a large rufous ſpot under them: *hind-ſhanks* white.

Variegator. Black; thorax variegated: abdomen compreſſed clavate, the edges of the ſegments yellow: ſcutel pointed.
Inhabits *Sweden.*
Antennae beneath yellowiſh: *front* yellow with a black line in the middle: *thorax* varied with black and yellow: *abdomen* with 3 yellow bands above and beneath: *legs* yellow.
2. *Antennae* entirely pale yellow.

Acuminator Black; thorax immaculate: abdomen compreſſed clavate, 3 of the ſegments edged with yellow: ſcutel pointed.
Inhabits *Saxony*; reſembles the laſt.
Head yellow, crown black: *legs* yellow, middle-thigh without and hind-ones entirely black.

Strigator. Black; abdomen with a white ſtreak: hind-ſhanks white tipt with black.
Inhabits *Saxony*; ſmall.
Antennae beneath yellow: *head* yellow under the antennæ: *thorax* with a yellow dot under the wings, ſcutel with 2 and a tranſverſe line: *legs* rufous.

Scabrator.

Scabrator. Black, rough: hind-thighs rufous at the base.
Inhabits *Saxony*; small.
Body rough with small raised dots.

**Gravidator.* Black; first segment of the abdomen ferruginous covering half the abdomen.
Inhabits *Europe*.

**Inculcator* Black; abdomen falcate, entirely ferruginous.
Inhabits *Europe*. *Reaum. Inf.* 6. *tab.* 30. *fig.* 9.

Falcator. Black; thorax with a yellow dot under the wings: abdomen falcate, the segments 2, 3, 4 rufous.
Inhabits *Sweden*; twice as large as I. pugillator.
Legs rufous, thighs black.

**Pugillator* Thorax immaculate: abdomen falcate rufous, the base and tip black: legs slender ferruginous.
In the larva of the *Phalæna Zicznc.*
Degeer. Inſect. 1. *tab.* 6. *fig* 12.
Front with generally a yellow spot.

Moderator. Black; abdomen petiolate compressed: legs pale: sting a little shorter than the body.
In the larva of the *Ichneumon Strobibellae*, which it consumes and then spins its web in the empty skull.

**Saltator.* Black; abdomen clavate very short: sting cylindrical: hind-legs elongated.
Inhabits *England*. In the museum of Sir *Joſ. Banks.*
Fore-ſhanks and base of the *thighs* testaceous.

Erigator. Black; thorax immaculate: abdomen short falcate, the third segment and legs rufous.
Inhabits *Saxony*; small.
Wings hyaline with a black spot.

Jocator. Black, thorax immaculate: abdomen falcate ferruginous, the petiole second segment and base of the third black.
Inhabits *Kiel*; small.
Legs rufous, hind-thighs annulate with black at the base.

Compensator Black; thorax immaculate: abdomen very short falcate, the segments 2, 3, 4. rufous.
Inhabits *Germany*; small.

Wings whitiſh with a brown marginal dot: *legs* rufous, hind-ſhanks at the tip and tarſi black.

Mercator. Black; thorax immaculate: abdomen ſhort falcate, the ſecond ſegment yellow at the tip, third entirely and fourth at the baſe.
Inhabits *Germany.*
Head black, mandibles and feelers yellow: *legs* yellow, 4-fore-thighs black: *wings* duſky.

Flagellator. Black; thorax immaculate: abdomen falcate ſhort, the ſecond and third ſegments rufous: legs rufous, hind-thighs black.
Inhabits *Kiel*; reſembles the laſt.

Cunctator. Black; thorax ſpotted: abdomen ſubfalcate rufous, the petiole black: front and ends of the hind-legs yellow.
Inhabits *Kiel*; ſmall.
Firſt joint of the *antennae* beneath yellow: *thorax* with a yellow line before the wings and dot under them: *legs* rufous, hind-ſhanks black.

Irrorator. Black; tip of the upper-wings brown with a white dot: abdomen clavate with a villous gold ſpot at the tip.
Inhabits *Southern Europe.*
Abdomen ſubreticulate: *hind-ſhanks* ferruginous at the baſe.

* *Ruſpator.* Black; legs ferruginous: thighs clavate, the hind-ones toothed.
Inhabits *Europe.*

Curvator. Black; legs yellow; hind-thighs clavate.
Inhabits *Denmark*; ſmall.

* *Jaculator* Black; abdomen falcate rufous in the middle: hind-ſhanks clavate, the baſe and tip white.
Reaum. Inſ. 4. *tab.* 10. *fig.* 14. *Degeer.* 1. *tab.* 36. *fig.* 10.
In the larvæ of *Bees* and of the Genus *Sphex.*

* *Affectator* Black; abdomen falcate with 3 rufous lateral ſpots: hind-ſhanks clavate rufous.
Inhabits *Europe.*

Necator. Black; abdomen yellow tipt with black: legs yellow.
Roeſ. Inſ. 2. *Veſp.* 4. *tab.* 4.

In

In the larvæ of *moths*, which it entirely covers and faſtens down with its webs.
Wings hyaline with a yellow coſtal ſpot.

Punctator. Yellow dotted with black: abdomen ſeſſile.
Inhabits *South America* and *India*.

Exarator. Body piceous immaculate: abdomen and thighs clavate: feelers ſetaceous: wings with a white and black ſpot.
Inhabits *Europe*; ſmall. *Fn. Suec.* 1614.

Mandator. Black; ſecond and third ſegments of the abdomen ferruginous, the tip white above.
Inhabits *Europe*. *Fn. Suec.* 1620.

Enervator. Black; 3 firſt ſegments of the abdomen rufous, the tip above white: antennæ annulate with white.
Inhabits *Europe*. *Fn. Suec.* 1621.

Agricolator Black; head ferruginous: abdomen ſeſſile.
Inhabits *Europe*. Probably a variety of I. ſecalis.
Legs piceous, fore-thighs clavate.

Compunctator. Black; abdomen ſubpetiolate oblong: legs rufous: wings with a black marginal ſpot.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 357. *n.* 721.

Leucotarſus Black; abdomen falcate: legs ferruginous; tarſi of the hind-ones white with black claws.
Inhabits *Austria*. *Schranck. Inſ. Auſt. p.* 339. *n.* 725.

Latro. Black; abdomen ſubpetiolate ſubcompreſſed teſtaceous tipt with black: legs teſtaceous.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 360. *n.* 726.

Veſtiformis Black; abdomen with 4 yellow belts.
Inhabits *Austria*. *Schranck. Inſ. Auſt. p.* 361. *n.* 728.

Suratus. Black: abdomen petiolate falcate, the ſecond ſegment pale yellow.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 362. *n.* 729.

Crciſor. Black; abdomen falcate with a ferruginous band.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 362, *n.* 730.

Flavifrons. Front yellow: legs rufous: antennæ pale beneath.
Inhabits *Austria. Schranck. Inſ. Auſt. p.* 363. *n.* 731.

Macropus. Tip of the antennæ middle of the abdomen and legs rufous, the hind-ones black varied with ferruginous.
Inhabits *Austria. Schranck. Inſ. Auſt. p.* 364. *n.* 733.

Impostor. Entirely black: abdomen fulvous.
Inhabits *Europe. Geoffr. Inſ. par.* 2. *p.* 352.

Abrogator. Black; abdomen ovate: legs ferruginous.
Inhabits *Austria. Schranck. Inſ. Auſt. p.* 367. *n.* 740.

Devastator Black; abdomen petiolate and legs ferruginous: hind-thighs black: wings browniſh.
Inhabits *Austria. Schranck Inſ. Auſt. p.* 367. *n.* 741.

Impraegnator. Black; 4 fore-ſhanks and abdomen ferruginous, the tip and firſt ſegment black, the ſecond and fifth punctured.
Inhabits *Austria. Schranck. Inſ Aust. p.* 368. *n.* 743.

Impugnator. Black; abdomen with 2 yellow belts: 4 fore ſhanks teſtaceous, hind-ones brown.
Inhabits *Auſtria. Schranck. Inſ. Aust. p.* 368. *n.* 744.

Myſtacatus. Reddiſh-brown; long feelers and baſe of the ſhanks yellow.
Inhabits *Auſtria. Schranck. Inſ. Aust. p.* 369. *n.* 746.

Debellator. Black; abdomen petiolate with a fulvous belt: baſe of the antennæ and legs yellow.
Inhabits *Austria. Schranck. Inſ. Aust. p.* 370. *n.* 747.

Inſectator. Abdomen petiolate ſubfalcate: mouth and feelers yellow: antennæ brown: legs citron.
Inhabits *Austria. Schranck. Inſ. Aust. p.* 370. *n.* 748.

Immaculatus. Black; abdomen ſeſſile: legs rufous, the ends of the hind-ones black.
Inhabits *Europe. Muſ. Lesk. p.* 60. *n.* 191.

Marginatus Black; abdomen ſeſſile: ſting white at the margin: front with a 2-lobed yellow ſpot: legs rufous.
Inhabits *Europe. Muſ. Lesk. p.* 60. *n.* 192.

Longipes. Black; abdomen ferruginous tipt with brown; legs ferruginous, the hind-ones very long.
Inhabits

Inhabits *Europe*. *Muſ. Lesk. p.* 60. *n.* 193.

Bifulcus. *Th ghs* brown, 3 tootned.

Black ; thorax with 2 impreſſed lines before: legs rufous: ſting ſhort.
Inhabits *Europe*. *Muſ. Lesk. p.* 60. *n.* 194.

Impreſſus Black : crown impreſſed : legs rufous : ſting ſhort.
Inhabits *Europe*. *Muſ. Lesk p.* 61. *n.* 195.

Bilineatus. Black ; front with 2 yellow lines : abdomen depreſſed ; legs red, the ends of the hind-ones brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 61. *n.* 196.

Melanopterus. Black : 2 firſt ſegments of the abdomen ferruginous : legs and wings black.
Inhabits *Europe*. *Muſ. Lesk. p.* 61. *n.* 197.

Gracilis. Black ; front horny : abdomen cylindrical thin and long: legs rufous.
Inhabits *Europe*. *Muſ. Leſk. p.* 61. *n.* 198.

Aduſtus. Black : legs rufous yellow, tip of the hind-ſhanks and ends brown.
Inhabits *Europe*. *Muſ. Leſk. p.* 61. *n.* 199.

Nævius. Black ; front white ; thorax with a white line each ſide and ſpot under the wings: legs rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 61. *n.* 200.

Auricapillus Black : front yellow : abdomen falcate ferruginous: the firſt ſegment above tipt with black ; legs reddiſh, hind-ſhanks tipt with black.
Inhabits *Europe* *Muſ. Lesk. p.* 61. *n.* 203.

Cultratus. Black ; orbits vertical line mouth and legs ferruginous ; abdomen falcate ferruginous, the ſecond and third ſegments above and tip of the petiole yellow.
Inhabits *Eu ope*. *Muſ. Lesk. p.* 61, *n.* 204.

Leucopterus. Black ; legs rufous: wings white with yellow veins and marginal ſpot.
Inhabits *Europe*. *Muſ. Lesk. p* 61. *n.* 205.

Melanurus. Black ; abdomen ferruginous, the petiole and ſhort tail black.
Inhabits *Europe*. *Muſ. Lesk. p.* 61: *n.* 206.

Varius.

Varius. Black; head and thorax varied with ferruginous: wings ferruginous, hyaline at the tip; legs rufous, hind-ſhanks ferruginous.
Inhabits *Europe.* *Muſ. Lesk. p.* 61. *n.* 209.

Bimaculatus. Black: front legs antennæ beneath 2 ſpots on the thorax and hind-margin of the firſt abdominal ſegments except the ſecond yellow.
In the larva of the Phal. fimbria. *M, Lesk. p.* 61. *n.* 210.

Longiſtinis Black; 2 firſt ſegments of the abdomen above, petiole and tip and legs rufous, the ends of the hind-ones brown.
Inhabits *Europe.* *Muſ. Leſk. p.* 61. *n.* 211.

Verſicolor Black; front yellow; antennæ reddiſh-yellow beneath legs rufous, the ends of the hind-ones brown.
Inhabits *Europe.* *Muſ. Leſk, p.* 62. *n.* 213.

Leucopalpus Black; legs rufous: feelers white.
Inhabits *Europe.* *Muſ. Lesk. p.* 62. *n.* 214.

Melanopus Black: legs rufous, the ends of the hind-ones black.
Inhabits *Europe.* *Muſ Lesk. p.* 62, *n*; 215.

Leucopus. Black; legs rufous, the ends of the hind-ones white.
Inhabits *Europe.* *Muſ. Leſk. p.* 62. *n.* 216.

Variatus. Black; front baſe of the antennæ and jaws white; 4 fore-legs reddiſh-yellow, hind-ones black with rufous joints.
Inhabits *Europe.* *Muſ. Lesk. p.* 62. *n.* 217.

Rubiginoſus Black: 4 fore-legs edge of the third and fourth abdominal ſegments and tip ferruginous.
Inhabits *Europe.* *Muſ. Lesk. p.* 62. *n.* 218.

Luteſcens Front each ſide and mouth yellow: antennæ beneath and firſt ſegment of the abdomen on the hind-margin pale yellow: legs rufous.
Inhabits *Europe.* *Muſ. Lesk p.* 62. *n.* 219.
Hind-ſhanks brown at the baſe and tip.

Hyalinus Black; legs rufous: abdomen and wings hyaline.
Inhabits *Europe.* *Muſ. Lesk. p.* 60. *n.* 221.

Cylin-

Cylindricus Black; legs rufous; abdomen cylindrical moſt of the ſegments ferruginous at the outer-margin.
Inhabits *Europe*. *Muſ. Lesk. p.* 62. *n.* 222.

Albipes. Black; legs rufous; hind-ſhanks white, the tip and ring at the baſe ferruginous, the ends whitiſh.
Inhabits *Europe* *Muſ. Lesk. p.* 62. *n.* 223.

Deuſtus. Black; front mouth and line on the thorax each ſide before the wings yellow; legs rufous, the ſhanks and ends white tipt with black.
Inhabits *Europe*. *Muſ. Lesk. p.* 62. *n.* 224.

Variegatus. Black; front orbits and mouth yellow: fore-legs reddiſh yellow; hind-ones rufous, middle of the ſhanks white, the ends white annulate with brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 62. *n.* 227.
Antennae yellowiſh beneath.

Rufeſcens Black; 4 fore-legs pale rufous, thighs of the hind-ones rufous; ſhanks yellowiſh with a brown ring at the baſe.
Inhablts *Europe*. *Muſ. Lesk. p.* 62. *n.* 228.

Lineolaris Black; line each ſide the front and mouth yellow: thorax ſpotted. legs rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 62. *n.* 229.

Flavicinctus Black; ſting very ſhort: legs rufous, hind-ſhanks with a yellow ring at the baſe.
Inhabits *Europe*. *Muſ. Lesk. p.* 62. *n.* 230.

Subfalcatus Black; abdomen ſubfalcate ferruginous, the baſe aud tip black: legs rufous, tip of the hind-ſhanks and ends brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 62. *n.* 231.

Faſciatus. Black; broad line each ſide the front and 4 fore-ſhanks and baſe of the hind-ones yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 63. *n.* 232.

Fuſicornis Black: antennæ and hind-ſhanks brown-ferruginous: abdomen ferruginous, the petiole black: legs rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 63. *n.* 233.

Chryſopuſ.

Chryſopus Black ; front antennæ beneath legs and baſe of the thighs yellow ; abdomen ferruginous, the baſe and tip above black.
Inhabits *Europe*. *Muſ Lesk. p.* 63. *n.* 234.

Erythropalpus. Black : front with a yellow line each ſide : baſe of the antennæ feelers and legs rufous : abdomen ferruginous, the baſe and tip black.
Inhabits *Europe*. *Muſ. Lesk. p.* 63 *n.* 235.

Leucoſtoma. Black : front and mouth white : antennæ pale yellow beneath ; legs rufous, ends of the hind-ones black.
Inhabits *Europe*. *Muſ. Lesk. p.* 63. *n.* 240.

Aurifrons. Black; front lip baſe of the antennæ and legs reddiſh-yellow: hind-ſhanks white annulate with black.
Inhabits *Europe*. *Muſ. Lesk. p.* 63. *n.* 242.
Antennæ pale yellow beneath : baſe of the *ſhanks* with a ferruginous ring.

Nigricans. Black ; legs rufous : hind-ſhanks white tipt with black.
Inhabits *Europe*. *Muſ. Lesk. p.* 63. *n.* 245.

Quadricolor Black ; front and mouth yellow : antennæ beneath pale yellow : legs rufous, the ends brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 63. *n.* 247.

Quadrimaculatus. Black ; baſe of the antennæ 4 ſpots on the front mouth and ends of the legs white : abdomen ferruginous, the petiole black.
Inhabits *Europe*. *Muſ. Lesk p.* 43. *n.* 248.
Four *fore-legs* yellow, hind thighs and ſhanks brown.

Pictus. Black ; legs rufous : 2. firſt ſegments of the abdomen ferruginous.
Inhabits *Europe*. *Muſ. Lesk. p.* 64. *n.* 249.

Bipunctatus Black ; baſe of the antennæ and thighs and face yellow, the latter with 2 black dots : abdomen aud hind-ſhanks ferruginous.
Inhabits *Europe*. *Muſ. Lesk. p.* 64. *n.* 250.
Abdomen black at the baſe and tip: 4 *fore-ſhanks* yellow.

Mœrens. Black ; 4 fore-legs rufous, baſe of the thighs black, ſhanks reddiſh-brown, metatarſi white.
Inhabits *Europe*. *Muſ. Lesk. p.* 64. *n.* 251.

Campeſtris.

Canescens. Black; front villous grey: abdomen ferruginous, the petiole tip and spot on the second segment black.
Inhabits *Europe*. *Mus. Lesk. p.* 64. *n.* 252.
Thighs rufous, yellow at the base, 4 fore-shanks yellowish, hind-ones reddish.

Piceus Piceous; abdomen black, 3 first segments ferruginous, the tip with 2 yellowish dots: legs reddish, the ends of the hind-ones brown.
Inhabits *Europe*. *Mus. Lesk. p.* 64. *n.* 253.

Flavivenetris. Black; abdomen yellow, the base tip and belt in the middle of the first segment black.
Inhabits *Europe*. *Mus. Lesk. p.* 64. *n.* 254.
Four *fore-legs* yellow, hind-ones black with ferruginous shan

Fuscescens. Black; antennæ brown: legs rufous, the hind-shanks brownish towards the tip.
Inhabits *Europe*. *Mus. Lesk. p.* 64. *n.* 255.

Longipalpis. Black; face antennæ and abdomen brown ferauginous: feelers very long: abdomen compressed.
Inhabits *Europe*. *Mus. Lesk. p.* 64. *n.* 256.
Legs yellow, hind-shanks tipt with brown.

Striatus. Black; base of the antennæ white: front white with 2 black lines: abdomen subsessile ferruginous, black at the base and tip.
Inhabits *Europe*. *Mus. Lesk. p.* 64. *n.* 258.
Legs rufous, hind-thighs and shanks tipt with black.

Erythrogaster. Black; base of the antennæ and mouth white: abdomen rufous. the base and tip black: legs reddish-yellow.
Inhabits *Europe*. *Mus, Lesk. p.* 64. *n.* 259.

Obscurus Black: abdomen ferruginous, the tip and base of the petiole black: ends of the 4 hind-legs white.
Inhabits *Europe*. *Mus. Lesk. p.* 64. *n.* 260.

Rubellus Black; legs reddish: thighs and tip of the hind-shanks brown.
Inhabits *Europe*. *Mus. Lesk. p.* 64. 261.

Coracinus. Black; mouth base of the antennæ and base and tip of the abdomen ferruginous; legs rufous.
Inhabits *Europe*. *Mus. Lesk. p.* 65. *n.* 262.

Deauratus Black ; mouth and baſe of the antennæ and thighs yellow: firſt ſegment of the abdomen behind, third and fourth and tip of the petiole ferruginous: legs rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 65. *n.* 263.

Fulviventris. Black ; baſe of the antennæ before abdomen 4 fore-legs baſe of the hind-thighs and ſhanks yellow.
Inhabits *Europe*. *Muſ. Leſk. p.* 65. *n.* 264.
Abdomen black at the baſe and tip.

Impreſſus Black ; front with a black line each ſide : abdomen reddiſh: legs rufous, ſhanks white towards the baſe with a ferruginous ring each ſide.
Inhabits *Europe*. *Muſ. Lesk. p.* 65. *n.* 265.
Abdomen black at the baſe and tip, 3 firſt ſegments with a tranſverſe impreſſed line in the middle.

Senilis. Black ; front grey : baſe of the abdomen reddiſh-yellow: 4 fore-legs yellow the reſt brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 65. *n.* 266.

Concolor. Black : legs and abdomen rufous, the petiole black.
Inhabits *Europe*. *Muſ. Lesk. p.* 65. *n.* 267.

Chryſogaſter. Black : antennæ legs and wings browniſh : abdomen yellow ſubſeſſile ſhorter than the ſting.
Inhabits *Europe*. *Muſ. Lesk. p.* 65. *n.* 270.

Vittatus. Black , antennæ beneath, tranſverſe band on the front and mouth yellow : abdomen ferruginous, the baſe and ſpot in the middle of the firſt ſegment black.
Inhabits *Europe*. *Muſ. Lesk. p.* 65. *n.* 271.

Brachyacanthus. Black ; antennæ brown; abdomen and legs yellow : ſting very ſhort.
Inhabits *Europe*. *Muſ. Lesk. p.* 65. *n.* 272.

Braccatus. Black ; mouth and baſe of the antennae and thighs yellow: abdomen ferruginous black at the baſe : 4 fore-legs pale yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 65. *n.* 273.

Melanophthalmus Black : head ferruginous, eyes and abdomen ferruginous varied with black : legs rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 65. *n.* 274.

Ochroceratus

Ochrocercus Black ; thighs yellow : ſhanks white, the hind-ones and ends annulate with yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 66. *n.* 275.

Erythropus Black; legs rufous : belly yellowiſh.
Inhabits *Europe*. *Muſ. Lesk. p.* 66. *n.* 277.

Hæmatopus Piceous, glabrous ; jaws rufous: legs red, the ends brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 66. *n.* 278.

Leucogenus Black ; legs rufous, hind-ſhanks black at the baſe and tip ends of the 4 hind-legs brown, the joints white at the baſe.
Inhabits *Europe*. *Muſ. Lesk. p.* 66. *n.* 279.

Alidus. Black ; legs reddiſh, the ends and ſhanks whitiſh, the hind-ones of the latter tipt with brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 66. *n.* 280.

Luteolus Black ; front mouth hind-part of the firſt ſegment of the abdomen and ſecond yellow : legs reddiſh ; hind-ſhanks white tipt with brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 66. *n.* 281.

Mixtus. Black ; face and baſe of the antennæ and thighs yellow : 3 firſt ſegments of the abdomen ferruginous ; 2 of them black on the back : legs rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 66. *n.* 282.

Melanoleucos. Black ; legs rufous, the joints white : front with white lobes and line each ſide.
Inhabits *Europe*. *Muſ. Lesk. p.* 66. *n.* 283.

Funebris. Black ; antennæ brown : legs rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 66. *n.* 284.

Chryſides. Black : baſe of the antennæ and mouth reddiſh : abdomen yellowiſh-brown with a black petiole : legs yellowiſh, hind thighs reddiſh-brown
Inhabits *Europe*. *Muſ. Lesk. p.* 66. *n* 286.

Aſſimilator. Scarlet ; fore-part of the thorax and legs black ; wings black-brown with a yellowiſh baſe and band and ſcarlet dot.
Inhabits *America*. *Act. Stockh.* 1787. 4. 2. *n.* 34.

Detreſa.

Depreſſator Black; baſe of the antennæ ferruginous before: abdomen depreſſed, the 3 firſt ſegments yellow: legs pale rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 66. *n.* 287.

Ferrugator Ferruginous; wings yellowiſh with a ferruginous ſpot: antennæ tipt with black.
Inhabits *America*. *Act. Sto.* 1787. 4. 2. *n.* 33.

E *Antennæ yellow.*

**Luteus.* Pale yellow; thorax ſtriate: abdomen falcate.
Inhabits *Europe*. *Schaeff. Ic. tab.* 1. *fig.* 12. *tab.* 101. *fig.* 4.

**Ramidulus* Pale yellow: abdomen falcate tipt with black.
Inhabits *Europe*. *Donovan* ii. *tab* 42. *fig.* 1.
Hind-thighs with a black ring at the baſe: *wings* hyaline with a yellow marginal ſpot.

Flavus. Pale yellow: crown black: abdomen brown at the tip.
Inhabits *South American Iſlands*.
Wings hyaline with a ſmall yellow marginal dot.

Ferrugineus. Fulvous; ſegments of the abdomen with a yellow dot each ſide.
Inhabits *Italy*; large. *Fabric.* iv. *aſſ. p.* 456.
Mandibles and *ſtemmata* black: *thorax* with 2 pale black dorſal lines and a yellow dot under the wings: *abdomen* petiolate: *wings* whitiſh with a yellow ſpot.

Fulvus. Pale yellow; wings black with a yellow dot.
Inhabits *America*. *Abdomen* ſeſſile.

Annulatus Varied with black and yellow: wings tipt with black.
Inhabits *Eaſt India*.
Head yellow, crown black: *thorax* yellow with black lines: firſt ſegment of the *abdomen* ferruginous the baſe and tip black, 2, 3, 4 yellow tipt with black, the reſt yellow: *legs* ferruginous tipt with white.

Atratus. Black: head legs and ſtreak on the tail yellow: ſting very long.
Inhabits *North America*; large.
Mandibles and ſtreak between the *eyes* black: *ſting* 3 times as long as the body: *wings* duſky: *legs* yellow, 4 hind-thighs black.

Dentatus

Dentatus. Black; ſpotted with yellow: ſcutel yellow, 2 toothed at the tip: tail 2-toothed.
Inhabits *Norway*; large.
Head black, front yellow: *antennæ* above black, beneath yellow: *thorax* ſpotted with yellow: *ſcutel* black, the tip yellow: *abdomen* black, the ſegments edged with yellow: *legs* yellow, hind-thighs black within.

Variicornis. Black; antennae yellow annulate with black; legs rufous.
Inhabits *Germany*.
Lip yellow: *front* yellow with a black line in the middle: *thorax* with 2 white lines: tip of the *ſcutel* white: *abdomen* petiolate: *wings* hyaline with a black marginal dot.

Morio. Black; abdomen falcate: wings blue.
Inhabits *America*. Muſeum of Sir *Joſ. Banks*.
Head black front ſpotted with yellow: *abdomen* petiolate: *wings* blue tipt with brown: *legs* black, the fore-ones teſtaceous.

Compreſſus Abdomen compreſſed, the ſegments edged with yellow: antennae and legs pale yellow.
Inhabits *Sweden*.
Firſt and laſt joints of the *antennæ* black: *abdomen* black: *wings* whitiſh: *legs* yellow, hind-ones black, all the thighs black at the baſe.

Varius. Pale yellow; abdomen ovate; breaſt varied with black.
Inhabits *Germany*
Front with a black ſtreak: *thorax* with 2 impreſſed black dots: petiole of the *abdomen* black: *wings* yellowiſh with a black marginal dot.

**Chryſotus* Black; thorax ſpotted with yellow: edges of all the ſegments of the abdomen and legs yellow.
Inhabits *England*. *Linn. Tranſact* iii. *p.* 4. *tab.* 2. *fig.* 5.
Thorax and *ſcutel* with each 4 yellow dots: *legs* yellow, thighs black at the baſe.

**Amictus.* Black; abdomen falcate: antennae and legs ferruginous.
Inhabits *England*. Muſeum of Sir *Joſ. Banks*.
Front with a yellow ſpot: *legs* whitiſh at the tip.

**Glaucopterus.* Pale yellow: breaſt black: abdomen falcate, the tail black,
Inhabits *Europe*. *Schaeff. Icon. tab.* 82. *fig.* 3.

**Circum-*

**Circumflexus.* Black; abdomen falcate, yellow before: hind-legs with black joints: scutel yellow.
Inhabits *Europe*. *Donovan.* in. *tab.* 93. *fig.* 2.

Punctatus. Yellow; head and thorax spotted: abdomen with 5 black dots each side.
Inhabits *Coromandel*. Museum of Sir *Jos. Banks*.
Head yellow with a black spot on the crown in which are 3 stigmata: *legs* testaceous.

Histrio. Black; thorax ferruginous, the margin and scutel white.
Inhabits *Zealand*; small.
Head black, mouth and 2 dots on the crown white: base of the *wings* white: *abdomen* black, the segments edged with white: *legs* rufous, hind-shanks white, the ends black.

Flavicans. Pale yellow; segments of the abdomen 2, 3, 4, 5. with 2 black dots at the base.
Inhabits *Germany*; large.
Mandibles tipt with black: *scutel* with 2 blackish dots: *wings* and *legs* pale yellow.

Tricolor. Black; abdomen antennæ and legs ferruginous.
Inhabits *Italy*.
Mouth yellow: first joint of the antennæ black: *thorax* with a yellow line each side and dot under the wings: petiole of the *abdomen* black: *wings* whitish.

Formicatus. Black; antennæ and legs yellowish: wings hyaline with a black spot.
Found on *Linné's* Estate at *Hammarby*.

Matellarius Yellowish; abdomen with a black band: wings spotted with brown.
Inhabits *Germany*. *Abdomen* petiolate.

Affinis. Ferruginous; thorax darker on the back: wings hyaline with a black marginal dot.
Inhabits *Kiel*. *Abdomen* petiolate.
Legs ferruginous, tarsi white at the base.

Abdominalis. Yellow; abdomen black.
Inhabits *France*; small.
Wings white hyaline with a large black spot.

** Cinctus.* Black; antennæ and legs ferruginous: wings white with 2 black bands.
Inhabits *Northern Europe*.

Fuscatus.

Fuſcatus. Black; abdomen with a ferruginous band: wings ſpotted with brown.
Inhabits *Germany*; ſmall.
Falcifer. *Head* black, front yellowiſh: *legs* ferruginous.

Head yellow with 2 black dots before and black behind: abdomen falcate: thighs rufous, the hind-ones tipt with brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 66. *n.* 288.
Tenebricoſus *Thorax* varied with ferruginous and black.

Ferruginous; crown and anterior margin of the front black: petiole of the abdomen beneath, dot on the firſt ſegment, hind-part of the ſecond and the whole of the reſt black.
Inhabits *Europe*. *Muſ. Lesk. p.* 67. *n.* 291.
Nævius.

Pale yellow; thorax ſpotted with brown, firſt ſegment of the abdomen impreſſed tranſverſely, the 3 laſt black.
Inhabits *Europe*. *Muſ. Lesk. p.* 67, *n.* 293.
Melano-xanthus.

Black; front yellow with a black ſpot: antennæ annulate with black: legs rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 67. *n.* 294.
Trituber-culatus.

Black; front with 3 tubercles: abdomen ferruginous, the baſe and tip black: antennæ black at the tip: ſhanks yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 67. *n.* 295.
Albiſcuta-tus.

Ferruginous; thorax varied with black: ſcutel and ſpot under the wings white.
Inhabits *Europe*. *Muſ. Lesk. p.* 67. *n.* 296.
Luteſcens.

Black; abdomen ferruginous, black at the baſe: fore-legs yellow, 4 hind-ones ferruginous clouded with black.
Inhabits *Europe*. *Muſ. Lesk. p.* 67. *n.* 297.
Albiventris

Black; antennæ black at the baſe: legs rufous: front with a white line each ſide: ſcutel and third ſegment of the abdomen white, the fourth and fifth at the hind-margin each ſide and ſixth entirely white.
Inhabits *Europe*. *Muſ. Lesk. p.* 67. *n.* 298.
Cultratus.

Black; baſe of the antennæ front lip ſpots on the thorax legs and falcate abdomen yellow, the ſegments black at the baſe.

Inhabits

Inhabits *Europe*. *Muſ. Lesk. p.* 67. *n.* 299.
Front with a longitudinal interrupted white line: *thighs* black, ferruginous in the middle.

Luteolus. Black; legs rufous: abdomen pale yellow, the 3 laſt ſegments black at the baſe: front and 4 fore-ſhanks yellowiſh.
Inhabits *Europe*. *Muſ. Leſk. p.* 67. *n.* 300.

Inciſus. Pale yellow; thorax varied with brown: inciſures of the abdomen ferruginous
Inhabits *Europe*. *Muſ. Lesk. p.* 67. *n.* 301.

Annulatus. Black; antennæ ſlightly annulate with black: legs rufous: ſting ſhort.
Inhabits *Europe*. *Muſ. Lesk. p.* 67. *n.* 302.

Venoſus. Pale yellow, black between the ſtemmata: wings white with yellow veins.
Inhabits *Europe*. *Muſ. Lesk. p.* 67. *n.* 303.

Notatus. Black; antennæ finely annulate with ferruginous: front mouth and legs pale yellow: ſcutel and ſpot under the wings white.
Inhabits *Europe*. *Muſ. Lesk. p.* 67. *n.* 304.

Ferruginoſus. Black; abdomen tipt with black: thorax ſpotted: edge of the ſcutel mouth and legs ferruginous.
Inhabits *Europe*. *Muſ. Lesk. p.* 67. *n.* 305.

Melanogonos. Black; abdomen ferruginous tipt with black: legs ferruginous with black joints.
Inhabits *Europe*. *Muſ. Lesk. p.* 68. *n.* 306.

Leucorrhous Black; dot on the thorax under the wings and tip of the abdomen white: antennæ tipt with black: legs rufous, tip of the hind-ſhanks black.
Inhabits *Europe*. *Muſ. Lesk. p.* 68. *n.* 307.

Chryſogaſter Black; belly yellow: legs pale yellow.
Inhabits *Europe*. *Muſ. Leſk. p.* 68. *n.* 308.

Xanthomelas. Black; ſcutel ferruginous: fore-part of the belly front mouth and legs pale yellow.
Inhabits *Europe*. *Muſ. Leſk. p.* 68. *n.* 309.

Craſſipes.

Craſſipes. Black; abdomen ferruginous, the third and fourth ſegment black tipt with white: hind-ſhanks ferruginous tipt with black.
Inhabits *Europe*. *Muſ. Leſk. p.* 68. *n.* 310.
Legs thick rufous.

Bicolor. Ferruginous; tip of the abdomen breaſt and tips of the upper-wings black.
Inhabits *Africa*. *Hind-thighs* black.

Cardui. Black; antennæ teſtaceous from the baſe to the middle: legs tawny, the tarſi black.
Inhabits *Bavaria*. *Schranck. Baier. Reiſe. p.* 124.

Xanthopus. Abdomen falcate: legs tipt with yellow: antennæ ferruginous: ſting ſhort yellow.
Inhabits *France*. *Geoffr. Inſ par.* 2. *p.* 331.

Melanops. Ferruginous; eyes tip of the abdomen and ſheath of the ſting black.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 372. *n.* 752.

Nigroculus. Ferruginous; abdomen petiolate, the baſe blackiſh: ſting black.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 372. *n.* 753.

Quadri-punctatus. Ferruginous; ſcutel yellow; abdomen browniſh, the baſe with 2 rows of dots.
Inhabits *Auſtria*. *Schrank. Inſ. Auſt. p.* 373. *n.* 754.

Vinctus. Ferruginous; ſcutel yellow: hind-thighs ſubclavate.
Inhabits *Austria*. *Schranck. Inſ. Aust. p.* 373. *n.* 755.

Exoticus. Black; antennæ middle of the abdomen and ſhanks ferruginous.
Inhabits——*Schranck. Inſ. Aust. p* 374. *n.* 756.
Abdomen petiolate: *hind ſhanks* tipt with black.

Melanophthalmus. Ferruginous; eyes tip of the thorax and baſe of the abdomen at the ſides black.
Inhabits *Auſtria*. *Schranck. Inſ. Aust. p.* 374. *n.* 757.

Polyzonius. Black; head thorax and breaſt ſpotted with yellow: ſcutel yellow: abdomen black, the ſegments edged with yellow.
Inhabits *England*. *Forſt. Nov. inſ.* 1. *p.* 85.

Cylindricus. Black; abdomen cylindrical, the segments impreſſed tranſverſely: legs red: antennæ with narrow brown rings.
Inhabits *Europe*. *Muſ. Lesk. p* 61. *n.* 201.

F. *Minute: Antennæ filiform; abdomen ſeſſile ovate.*

Semiauratus. Gilt; abdomen ferruginous tipt with blue.
Inhabits *Europe*. Tip of the *abdomen* black-blue.

Nitidulus. Blue-black; thorax and fore-part of the abdomen ferruginous.
Inhabits *Italy*. *Roſs. Fn. Etruſc. tab.* 6. *fig.* 1, 7.
Antennæ inflected, the firſt joint black, ſecond rufous, the reſt blackiſh: *thorax* 2 toothed behind, the fore-lobe ferruginous: *legs* ferruginous, hind-thighs with a black ring.

Splendidus. Shining-blue; abdomen fulvous at the baſe and tipt with black.
Inhabits *Italy*. *Antennæ* and *legs* black.

Ignitus. Black-blue: thorax golden before. abdomen ferruginous with a black band behind.
Inhabits *Barbary*. *Wings* duſky.

Chryſis. Shining green-bronze: abdomen ovate golden.
Inhabits *Barbary*. *Antennæ* and *legs* black.

* *Muſcarum* Gilt; legs yellow, formed for ſkipping.
Degeer. Ins. 1. *tab* 32. *fig.* 19, 20.
Inhabits *Europe*, in the larvæ of Flies.

* *Bedeguaris.* Shining-green; abdomen depreſſed golden.
Inhabits *Europe*. *Reaum Inſ.* 3. *tab.* 41. *fig.* 13, 14.

Nigricornis. Shining-green: antennæ black: legs pale yellow.
Inhabits *Germany*. Hind-thighs black at the baſe.

* *Gallarum.* Braſſy-brown: abdomen black: ſhanks pale.
In the larvæ of the *Cynips Quercus ramuli.*

Juniperi. Green-gold: antennæ black: wings hyaline.
In the larva of the *Tipula juniperina.*

Quadrum. Black bronzed: baſe of the abdomen and legs ferruginous: wings white with 2 black marginal ſpots.
Inhabits *Saxony*.

Abdomen

Abdomen tipt with black: *antennæ* ferruginous tipt with black: ſpots on the *wings* ſquare.

2-maculatus. Black; abdomen conic and very acute: wings white with 2 black ſpots on the upper-pair.
Inhabits *Saxony*. Firſt joint of the *antennæ* ferruginous.

*Puparum. Blue-gold; abdomen gloſſy-green.
Reaum. 6. *tab.* 30. *fig.* 13—15. *Merian Eur. tab.* 44. 52.
Depoſits its eggs in the pupæ of *Butter-flies* and *Flies* as ſoon as they are transformed from larvæ.

*Larvarum. Green-gold; abdomen black with a purpliſh ſpot on the back: legs yellow.
In the larvæ of *Moths*. *Reaum.* 2. *tab.* 36. *fig.* 9—11.

Cynipedis. Green-gold; abdomen brown with a pale belt at the baſe: legs yellowiſh,
In the larvæ of *Moths* and *Cynipedes*.

Sphegum. Black immaculate: wings white.
Inhabits *Dreſden*.

Coccorum. Black bronzed; abdomen blueiſh: legs livid,
In the Coccus. *Degeer. Inſ.* 1. *tab.* 35 *fig.* 17.

Secalis. Black; head rufous; eyes green.
In *larvæ* found on ears of Corn.

Subcutaneus Black; wings hairy with a black lunar ſpot.
Inhabits *Europe*. *Degeer. Inſ.* 1. *tab.* 30. *fig.* 21.

Stigma. Black; wings duſky with a black marginal ſpot.
In the larvæ of the *Cynips Roſae*.

Conicus. Black; abdomen conic very acute: thighs clavate ferruginous.
Inhabits *Denmark*. *Wings* duſky.

*Globatus. Black; legs ferruginous.
Reaum Inſ. 2 *tab.* 35. *fig.* 56. *Merian. Eur. tab.* 22.
Breeds in large white ſilk balls which are frequently found on the ſtems of different plants.

*Glomeratus. Black; legs yellow.
Reaum. 2. *tab.* 33. *fig.* 2, 7, 8. *Mer. Eur. tab.* 48.

In the larvæ of *Moths*, and after having quitted them they jointly ſpin a yellow ſilky web.

Sericeus, Black; abdomen and legs yellow.
Inhabits *Guadeloupe*; and after having quitted their parent larva ſpin numerous aggregate ſnowy webs.
Abdomen black: *wings* white hyaline with a black marginal ſpot.

**Aphidum* Black: baſe of the abdomen fore-legs and hind-joints yellow.
In various ſpecies of the *Aphis*. *Friſh*. 11. *tab*. 19.

Atomos, Varied with pale and brown.
Inhabits *Upſal*; is leſs than a mite and hardly to be diſtinguiſhed unleſs when in motion.

**Punctum* Gloſſy-black: wings irideſcent edged with long black hairs.
Linnean Tranſactions iv. *p*. 189 *tab*. 18. *fig*. 1.
Inhabits *England*; not larger than the laſt.

**Tipulae* Black: baſe of the antennæ and legs rufous; hind-ſhanks clavate tipt with black
Linnean Tranſaction iv. *p*. 230.
In the larva of the *Tipula Tritici*; minute.
Antennæ as if broken, the firſt joint long and reddiſh: *wings* without veins, longer than the body: *abdomen* ovate ſeſſile depreſſed.

**Ovulorum* Black: legs rufous: antennæ filiform long.
Degeer Inſ. 1. *tab*. 45. *fig*. 11, 12, 13.
In the *eggs* of the Lepidopterous inſects.
2. *Legs* black. *Schranch. Beytr. tab*. 2. *fig*. 13.

Minutus, Deep-black; wings blackiſh with a white baſe and 2 oppoſite ſpots.
Inhabits *France*; ſmall.
Firſt joint of the *antennae* long and pale: *legs* black tipt with white.

**Pectinicornis*, Black; antennæ branched.
Degeer. Inſ 1. *tab* 35. *fig*. 3—6.
Act. Holm. 1740 *tab*. 1. *fig*. 4—6.
In the larva of the *Bombyx Quercus*.

Ramicornis, Green antennæ branched.
In the larvæ of Moths. *Degeer*. 2. *tab*. 31. *fig*. 14.

Alvearifex Black ; legs ferruginous: abdomen petiolate and pale at the baſe beneath.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 378, *n.* 767.
Breeds in white webs diſpoſed like a honey-comb.

Gregarius. Black ; legs and ſides of the abdomen ferruginous.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 377. *n.* 766.
Breeds in the larvæ of *Moths* and *Butter-flies*, and ſpins each a ſeparate white ſilky web.

Intercus. Black ; abdomen ovate depreſſed, teſtaceous at the baſe: ſhanks rufous.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 377. *n.* 764.

Tortricus. Black ; abdomen ovate depreſſed, paler beneath.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 367. *n.* 763.
In the larva of the *Phalæna faſciana*.
Larva double cylindrical, inflected into a creſcent, rough ſoft, head retractile.

Eucnemis Black; inciſures of the abdomen interruptedly yellow: wings ferruginous tipt with black.
Inhabits *Siberia*. *Lepechin. It.* 1. *tab.* 17. *fig.* 1, 2.

Parrectus. Black ; tip of the fore-thighs and ſhanks pale, the hind-ones tipt with black : ſting as long as the abdomen.
Inhabits *Europe*. *Muſ. Lesk. p.* 72. *n.* 377.

Longicornis Black : antennæ long ; legs rufous ; wings with a large ſemilunar brown ſpot.
Inhabits *Europe*. *Muſ. Leſk. p.* 72. *n.* 378.

Rufulus. Black ; antennæ mouth 3 firſt ſegments of the abdomen and legs reddiſh.
Inhabits *Europe*. *Muſ Leſk, p.* 68. *n.* 311—316
Is ſubject to a few varieties in the colour of the legs.

Diſcretus, Black ; lower half of the firſt abdominal ſegment and upper half of the ſecond and legs rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 68. *n.* 317.

Undulatus. Black ; antennæ brown : legs reddiſh : abdomen pubeſcent, the firſt ſegment yellow with a black ſpot each ſide, 2, 3, yellow on the upper-part.
Inhabits *Europe*. *Muſ Lesk. p.* 68, *n.* 318.

Stigma.

Stigma. Black; antennæ front jaws ſides of the breaſt and legs reddiſh: firſt ſegment of the abdomen yellow with 2 black dots.
Inhabits *Europe.* *Muſ. Leſk. p.* 68. *n.* 319.

Albicans Black; antennæ whitiſh on the back; baſe of the 4 fore-thighs front and mouth whitiſh: abdomen ferruginous clouded with brown and black at the baſe: legs reddiſh.
Inhabits *Europe.* *Muſ. Lesk. p.* 68. *n.* 320.

Subrufus. Black; antennæ reddiſh, the baſe black: legs and 3 firſt ſegments of the abdomen reddiſh.
Inhabits *Europe.* *Muſ. Lesk. p.* 69. *n.* 321.

Fuſcipes. Black; 4 fore-thighs and hind-ſhanks brown: petiole of the abdomen long black, 2 firſt ſegments and fore-legs yellow.
Inhabits *Europe.* *Muſ. Lesk. p.* 69, *n.* 322.

Bifrons. Black; front white with a black ſpot beneath the antennæ petiole of the abdomen at the tip and 2 firſt ſegments and legs reddiſh.
Inhabits *Europe.* *Muſ. Lesk. p* 69. *n.* 323.

Leucopis. Black; front and mouth white; baſe of the abdomen and 2 firſt ſegments and legs reddiſh.
Inhabits *Europe.* *Muſ. Lesk. p.* 69. *n* 324.

Palleſcens Black: baſe of the antennæ front and mouth pale yellow: petiole of the abdomen and 3 firſt ſegments reddiſh, the firſt with a black ſpot: legs reddiſh.
Inhabits *Europe.* *Muſ. Lesk. p.* 69. *n.* 325.

Prauſus Black: legs and abdomen reddiſh, tip of the petiole and upper-part of the firſt ſegment black.
Inhabits *Europe.* *Muſ. Lesk. p.* 69, *n.* 326.

Fuſceſcens. Black; abdomen yellow tipt with brown: legs yellowiſh-brown.
Inhabits *Europe.* *Muſ. Lesk. p.* 69. *n.* 327.

Leucotarſus Black; antennæ beneath and mouth pale yellow: abdomen ferruginous, the baſe black; legs reddiſh-yellow, white at both ends.
Inhabits *Europe.* *Muſ. Lesk. p.* 69. *n.* 328. *Bru-*

Brunneolus. Black; abdomen and legs reddiſh, hind-thighs chefnut: antennæ reddiſh, black at the baſe.
Inhabits *Europe*. *Muſ. Lesk. p.* 69. *n.* 329.

Pallens. Black; antennæ yellowiſh-brown: mouth whitiſh: abdomen reddiſh, black at the baſe: legs pale rufous.
Inhablts *Europe*. *Muſ. Lesk. p.* 69. *n.* 330.

Bitinctus. Black; abdomen and legs reddiſh.
Inhabits *Europe*. *Muſ Lesk. p.* 69. *n.* 331.

Carbonarius. Black; antennae and legs reddiſh-brown: abdomen ferruginous: black at the baſe.
Inhabits *Europe*. *Muſ. Lesk. p.* 69. *n.* 332.

Taiangulum Black: abdomen yellow with a triangular black ſpot at the baſe: legs livid: wings duſky.
Inhabits *Europe* *Muſ. Lesk. p.* 69. *n.* 333.

Obfuſcatus Black; autennae ferruginous with a white ring and tipt with brown; abdomen yellow black at the baſe: legs yellow, hind-thighs brown.
Inhabits *Europe*. *Muſ. Lesk p.* 69. *n* 334.

Nigricornis Black: antennæ with a white ring; abdomen yellow, black at the baſe: thighs black: ſhanks ferruginous.
Inhabits *Europe*. *Muſ. Lesk. p.* 69. *n.* 335.

Lividus. Entirely livid: ſting as long as the abdomen.
Inhabits *Europe*. *Muſ. Lesk. p.* 69. *n.* 336.

Ruficornis. Black; front yellowiſh: antennæ abdomen and legs reddiſh.
Inhabits *Europe*. *Muſ. Lesk. p.* 70. *n.* 336.

Dentipes. Black; 4 fore-legs livid; the hind-ones rufous the thighs toothed in the middle.
Inhabits *Europe*. *Muſ. Lesk. p.* 70. *n.* 339.

Lividicornis. Black; antennæ 4 fore-legs and hind-ſhanks livid, hind-thigs black: abdomen yellow, black at the baſe.
Inhabits *Europe*. *Muſ. Lesk. p.* 70. *n.* 340.

Flaveſcens Black; mouth 4 fore-legs and hind-ſhanks yellowiſh: abdomen yellow: hind-thighs yellow-brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 70. *n.* 341.

Lituratus.

Lituratus. Black; jaws and 4 fore-legs yellowiſh, hind thighs reddiſh-black: hind-part of the firſt abdominal ſegment and 2, 3, 4. yellow, the ſecond with a black ſpot.
Inhabits *Europe*. *Muſ. Lesk p.* 70 *n.* 342.

Partitus. Black; ſegments of the abdomen brown before and reddiſh behind, the third yellowiſh behind: mouth and 4 fore-legs yellowiſh.
Inhabits *Europe*. *Muſ. Lesk. p.* 70. *n* 343.
Hind-legs reddiſh-brown with black joints.

Conformis. Black: inciſures of the abdomen and legs reddiſh.
Inhabits *Europe*. *Muſ. Lesk. p.* 70. *n.* 344.

Stramineus Black; front mouth and baſe of the 4 fore-thighs pale yellow: 4 fore-legs reddiſh-yellow, hind-ones rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 70. *n.* 345.

Diffornis Black: abdomen compreſſed: legs rufous.
Inhabits *Europe*. *Muſ. Leſk. p.* 70. *n.* 348.

Pallidus. Black; inciſures of the abdomen and ſides pale: legs dull yellow, the thighs black in the middle.
Inhabits *Europe*. *Muſ. Leſk. p.* 70. *n.* 346.

Similis. Black: baſe of the antennæ yellow; legs reddiſh-yellow
Inhabits *Europe*. *Muſ. Lesk. p.* 70. *n.* 347.

Subteſtaceus Black; abdomen with faint teſtaceous ſpots each ſide: legs reddiſh.
Inhabits *Europe*. *Muſ. Lesk. p.* 70. *n.* 349.

Fuliginoſus Black; abdomen ruſty-brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 70. *n.* 350.

Erythroſtoma. Black; mouth 2 firſt firſt inciſures of the abdomen and legs reddiſh.
Inhabits *Europe*. *Muſ. Lesk p.* 70. *n.* 351.

Unicolor. Black; antennæ and legs reddiſh.
Inhabits *Europe*. *Muſ. Lesk. p.* 70. *n.* 352.

Cervinus. Black; antennæ fore-part of the thorax ſides and legs reddiſh-brown: abdomen brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 70. *n.* 353.

Simplex.

Simplex. Black; antennæ and legs teſtaceous.
Inhabits *Europe*. *Muſ. Lesk. p.* 70. *n.* 354.

Melanopterus. Black; abdomen depreſſed, the ſides pale: wings black.
Inhabits *Europe*. *Muſ. Lesk. p.* 70. *n.* 355.

Heterogonus Black; 4 fore-legs teſtaceous, hind-ones brown with whitiſh joints.
Inhabits *Europe*. *Muſ. Lesk. p.* 70. *n.* 356.

Piceus. Piceous; abdomen ſubovate, pointed both ways: legs teſtaceous.
Inhabits *Europe*. *Muſ. Lesk. p.* 71. *n.* 357.

Rufus. Black; mouth fore-part of the thorax and line each ſide 2 dots on the ſcutel and legs reddiſh: hind-ſhanks white, black at the baſe.
Inhabits *Europe*. *Muſ. Lesk. p.* 71. *n.* 358.

Striatus. Black: antennæ brown: mouth ſcutel and legs rufous: thorax with a white line each ſide.
Inhabits *Europe*. *Muſ. Lesk. p.* 71. *n.* 361.

Diſpar. Black: 4 fore-legs reddiſh, hind-ones brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 71. *n.* 363.

Nigellus. Black; antennæ ſegments of the abdomen 2, 3, 4, and legs reddiſh.
Inhabits *Europe*. *Muſ. Lesk. p.* 71. *n.* 362.

Chryſoſtictos Black; abdomen compreſſed brown, 2 firſt ſegments with a yellow ſpot each ſide: baſe of the 4 fore-thighs and mouth yellow: legs rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 71. *n.* 364.

Xanthurus. Black; abdomen flat, 2 firſt ſegments yellow and brown behind; ſting yellow: legs teſtaceous.
Inhabits *Europe*. *Muſ. Lesk. p.* 71. *n.* 365.

Imperialis Black; head ſecond ſegment of the abdomen and tip and legs pale yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 71. *n.* 367.

Coloratus Black; antennæ yellow: inciſures of the abdomen ferruginous: legs rufous, hind-ſhanks and end of the hind-ones annulate with white.
Inhabits *Europe*. *Muſ. Lesk. p.* 71. *n.* 368.

Sulphureus. Black; abdomen beneath yellowiſh; 4 fore-legs pale yellow hind-ones reddiſh.
Inhabits *Europe*. *Muſ. Lesk. p.* 71. *n.* 369.

Diverſicolor Black: antennae and 4 fore-legs pale yellow; hind-ones reddiſh, the ſhanks whitiſh tip with brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 71. *n.* 370.

Xanthomelas. Black: antennae and legs pale yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 71. *n.* 371.

Hemipterus, Black; ſecond and third ſegments of the abdomen rufous: wings very ſhort.
Inhabits *France*; in dry gravelly ſoil.
Antennae ferruginous at the baſe: *abdomen* petiolate, the ſegment 1, 4, rufous at the baſe: *wings* whitiſh, upper-pair with a white ſpot: *legs* rufous, hind ones with black joints.

Agilis. Apterous, black: petiole of the abdomen and legs rufous.
Degeer. Inſ. 2. *tab.* 31. *fig.* 18.
In the larvae of the *Ichneumon Aphidum*.
Abdomen with a faint rufous band at the baſe.

Curſitans. Apterous, black; fore-part of the abdomen and legs ferruginous.
Inhabits *Sweden*.
Antennae yellow tipt with black.

Pulicarius. Apterous, black: thorax petiole and ſhanks rufous.
Inhabits *Saxony*; minute.

Faſciatus. Apterous, rufous: head and band on the abdomen black.
Inhabits *Saxony*.

**Acarorum* Apterous, rufous: head and hind-part of the abdomen black.
Degeer. Inſ. 2. *tab.* 31. *fig.* 19, 20.
Inhabits *Europe*, in the larva of the *Curculio*.

Pediculari-us. Apterous, rufous: head and hind-part of the thorax and abdomen black.
Inhabits *Saxony*; large:
Antennae yellowiſh tipt with black: *ſting* ſhort.

Fedeſtris Apterous, black: abdomen rufous, the baſe and tip black.
Inhabits *Sweden*. *Legs* rufous.

Formica-

Formicarius Apterous, rufous; head and abdomen black.
Inhabits *Sweden*.

Cursor. Apterous, black: base of the antennæ, long legs petiole of the abdomen and first segment at the tip testaceous.
Inhabits *Austria*. *Schranck. Schr. Naturf.* 1. *f.* 308.

85. SPHEX. *Mouth* with an entire jaw, the mandibles horny incurved toothed, lip horny membranaceous at the tip: *feelers* 4: *antennae* with about 10 articulations; *wings* in each sex plane incumbent and not folded: *sting* pungent and concealed within the abdomen.

The insects of this genus are the most savage and rapacious of this class of beings: they attack whatever comes in their way, and by means of their poisonous sting overcome and devour others far beyond their own size. Those of the division B. are found chiefly on umbellate plants: the *larva* without feet soft and inhabits the body of some other insect, on whose juices it exists: the *pupa* has rudiments of wings.

A. *Antennæ setaceous; lip entire, tongue* 0. Evania.

Appendigaster. Black; abdomen petiole very short and placed on the back of the thorax: hind-legs very long.
Reaum. Inst 6. *tab.* 31. *fig.* 13. *Brown. Jam. t.* 44. *f.* 6.
Inhabits *Europe*, *Africa* and *New Holland*.

Maculata Thorax spotted; first segment of the abdomen with a white dot each side, second edged with white.
Inhabits *England*. Museum of Sir *Jos. Banks*.
Antennæ black: *head* black with a white line each side between the eyes: *thorax* elevated black, the fore-margin scutel and dot each side white: abdomen black with 2 short white lines above the tail: *legs* rufous, thighs black at the base with a white dot: *wings* hyaline.

Fasciata. Black; abdomen with 2 white bands, the first interrupted: tail white.
Inhabits *Italy*.

Thorax black covered with silvery down on the fore-part the fore-margin with a white line: *wings* white tipt with brown.

Sessilis. Black; abdomen short cylindrical sessile.
Inhabits *France.*
Legs ferruginous, thighs black: *wings* white with a black spot.

Minuta. Black; abdomen petiole very short and placed on the back of the thorax: legs equal.
Inhabits *France*; resembles Sp. appendigaster
Head and thorax rough, *abdomen* polished.

Punctum. Black: tail with a white dot.
Inhabits *Italy.* *Wings* hyaline immaculate.

Nigrita. Black; upper-wings with a brown band.
Inhabits *Europe.* *Muf. Lesk. p. 72. n. 381.*

B. *Antennæ filiform; lip emarginate, with a briftle each side: tongue inflected trifid.*

a. *Abdomen petiolate.*

Lutaria. Black; second and third segments of the abdomen rufous: lip silvery.
Inhabits *Kael.* *Wings* hyaline.

Thomæ. Black; abdomen rufous, the petiole and spot on the back black.
Inhabits *St. Thomas Island.*

Fervens. Black; abdomen ferruginous: wings brown.
Inhabits *India.* Petiole black.

Cyanipennis Villous, blue; fore-part of the thorax and abdomen grey: wings blue.
Inhabits *Cayenne*; large.
Head blue, mandibles and antennæ black: *abdomen* blueish-grey: the petiole black: *legs* black, the joints yellowish.

Hæmorrhoidalis Black; lip tail and legs ferruginous.
Inhabits *Africa.* In the Museum of Sir *Jos. Banks.*

Thorax hairy: *abdomen* ſmooth: *thighs* black at the baſe: *wings* blueiſh.

Argentea. Gloſſy-black: front villous ſilvery: wings white tipt with brown.
Inhabits *Coromandel*; large.
Legs black, a little reddiſh at the tip

Ruſipennis Black; wings ferruginous tipt with brown.
Inhabits *Tranquebar*; large.
Front covered with ſilvery down: *thorax* downy with a ſilvery dot before the wings.

Flavipennis Black; front golden: abdomen rufous, the petiole and tip black.
Inhabits *Italy*.
Front covered with gold down: *thorax* with a rufous dot before the wings: *wings* yellowiſh, the tip darker; *legs* black, the fore-ones with ferruginous ſhanks.

Pennſylvanica. Blackiſh; abdomen full black wings inclining to violet.
Inhabits *America* and *New Holland*. *Degeer. 2. tab. 30. fig. 2.*

Violacea. Blue: wings white tipt with brown: antennæ black.
Inhabits the *Cape of good hope*.
Front covered with ſilvery down.

Cyanea. Blue; wings azure tipt with brown: antennæ black.
Inhabits *North America*. *Degeer. Inſ. 3. tab. 30. fig. 6.*

Aurulenta. Head and thorax covered with gold down: abdomen black, the baſe and legs rufous.
Inhabits *Tranquebar*.
Antennæ black, the firſt joint larger and ferruginous: petiole of the *abdomen* and 2 firſt ſegments rufous.

Pomentoſa. Head and thorax covered with gold down: abdomen black the tail and hind-thighs rufous.
Inhabits *Sierra Leona*.
Antennæ black: *wings* white, the tip browniſh.

Femorata. Blue; abdomen black: hind-thighs rufous.
Inhabits *Italy*.
Antennæ black: *abdomen* petiolate: *wings* pale ferruginous.

Violaris. Hairy, black-blue; hind-ſhanks ferruginous: wings black.
Inhabits the *Cape of good hope*. In the muſeum of *Sir Joſ. Banks*.
Antennæ black, ferruginous at the baſe.

Flavipes.

Flavipes. Villous, black with a yellow dot before the wings: legs yellow, thighs black.
Inhabits *America*.
Head brown, *antennae* black: *abdomen* petiolate: *wings* yellowish-brown.

Atra. Black; lip filvery villous: wings as long as the abdomen.
Inhabits *Italy*. *Abdomen* with a long petiole.

Figulus. Smooth black: fegments of the abdomen at the edges and lip lucid.
Inhabits *Upfal*, in holes of wooden partitions, abandoned by other inſects; theſe it cleanſes by gnawing round them, and placing a piece of moiſt clay at the bottom ſticks a ſpider upon it: in the body of this ſpider it depoſits its eggs and then cloſes up the entrance with clay and leaves it to be devoured by the larva.

Lunata. Abdomen black, the firſt fegment with a yellow lunule.
Inhabits *America*. *Degeer. Inſ.* 3. *tab.* 30. *fig.* 4.
Antennae black, the firſt joint yellow: *thorax* ſpotted with yellow: *legs* yellow variegated with black.

Affinis. Villous, black; firſt joint of the antennæ ſcutel and ſhanks yellow.
Inhabits *America*; reſembles the laſt.
Thorax ſpotted with yellow.

Jamaicenſis Abdomen black, the firſt fegment and edge of the others yellow.
Inhabits *Jamaica*.
Head black: firſt joint of the *antennae* yellow: *thorax* black ſpotted with yellow: *fore legs* yellow, hind-ones black with yellow joints.

Erythrocephala. Black; head baſe of the petiole and legs ferruginous.
Inhabits *Malabar*. In the muſeum of Sir *Joſ. Banks*.
Antennae brown, ferruginous at the baſe: *thorax* hairy, the fore-lobe and dot before the wings ferruginous: wings blue.

* *Spirifex.* Black; thorax hairy immaculate: petiole of one joint, yellow as long as the abdomen.
2. Petiole and joints of the legs half yellow.
Reaum. 6. *tab.* 28. *fig.* 5. *Schaff. Icon. tab.* 38. *fig.* 1.
Inhabits *Europe*, and *Egypt*; in cylindrical cavities wrought within like a honey-comb, on the ſides of cliffs and in the mud walls of cottages.

Madag-

Madraſpatana. Black; thorax hairy ſpotted with yellow; petiole yellow, as long as the abdomen.
Inhabits *Malabar*. In the muſeum of Sir *Joſ. Banks*.
Lip covered with ſilvery down: 4 *fore-legs* yellow, the thighs black at the baſe; hind-ones yellow, the thighs and tip of the ſhanks black.

Clavus. Black; thorax ſpotted: abdomen blueiſh, the petiole long rufous with a black band.
Inhabits *New Holland*. Muſcum of Sir *Joſ. Banks*.
Antennae black, the firſt joint rufous: *head* covered with grey down: *thorax* with a grey dot under the wings: firſt ſegment of the *abdomen* ferruginous, the petiole with a ſmall tooth in the middle beneath: *legs* rufous.

Holoſericea Black with ſilver down: abdomen ferruginous: the petiole black and tail blue.
Inhabits *Barbary*.
Legs ferruginous, the hind-ones black: *wings* ſhort cinereous with a callous rufous dot at the baſe.

Pubeſcens. Black with ſilver down: abdomen ferruginous with a black petiole.
Inhabits *Guinea*, in ears of graſs.

Cinctа. Black with ſilvery down: ſegments of the abdomen edged with white.
Inhabits *Guinea*; ſmall. *Wings* white.

Libata. Green-blue; thorax with a diſtinct fore-lobe: wings ſub-ferruginous.
Inhabits *Africa*. In the muſeum of Sir *Joſ. Banks*.
Antennae brown: *thorax* elevated green, the lobe grooved behind: *legs* green tipt with brown.

Ciliata. Teſtaceous; abdomen blue: mandibles elongated ciliate.
Inhabits *India*; ſize of the laſt.
Head blue between the antennæ: *thorax* with a bifid fore-lobe: *wings* dull blue.

Compreſſa. Shining-green; 4 hind-thighs compreſſed ferruginous.
Inhabits *Malabar*. In the muſeum of *Sir Joſ. Banks*.
Antennae brown: *abdomen* blueiſh: *fore-legs* brown, 4 hind-ones blue: *wings* brown.

Sibirica.

Sibirica. Polished brassy-green : abdomen blue.
Inhabits *Siberia.* Museum of Sir *Jos. Banks.*
Antennae brown : *scutel* striate : *wings* brown: *legs* blue with green thighs.

Ichneumonea. Fulvous: abdomen black with a ferruginous base.
Inhabits *America. Degeer. Ins. tab.* 32. *fig.* 13.
Antennæ brown, the first joint fulvous : *head* and *thorax* covered with gold down : *legs* ferruginous.

Hirtipes. Hairy, dusky: abdomen shining black : wings testaceous.
Inhabits *Guinea. Legs* hairy black.

Albifrons. Glabrous, black : front covered with silvery down ; wings white with a black base.
Inhabits *Guinea* ; large.

Maxillosa Black ; with silvery down : abdomen ferruginous at the base : mandibles projected curved toothed.
Inhabits *Barbary* ; large.
Wings dull cinereous, darker at the tip : *legs* rufous with black thighs.

Unicolor. Dusky-brown with cinereous down.
Inhabits *Spain,* on umbellate flowers.

Indostana. Black ; wings blueish-black with a hyaline thinner margin.
Inhabits *Europe* and *India. Mus. Lud. Ulr.* 407.

Clavipes Black ; petiole ferruginous clavate, of one joint : legs clavate.
Inhabits *Europe* ; small. *Fn. Suec.* 1640.

Austriaca. Black ; base of the abdomen with a sulphur band and 2 dots: legs varied with sulphur; hind- thighs thickened.
Inhabits *Austria. Schranck. Aust. p.* 380. *n.* 770.

Bidens. Black ; head and antennæ ferruginous : abdomen with 4 yellow spots : thorax 2-spined.
Inhabits *Mauritiana* ; large.
First joint of the *antennæ* black ; *upper-wings* pale ferruginous lower-ones blueish-hyaline.

Insubrica. Black ; front mouth scutel and 2 bands on the abdomen pale yellow.
Inhabits *Padua, Scopol. Delic. Ins. tab.* 23. *fig.* C. Bred

Breeds in chimneys and windows, in the ſame neſt with the Ichneumon ſeductor.
Wings hyaline, darker at the tip: *ſhanks* pale yellow tipt with black.

b. *Abdomen ſeſſile.*

Morio. Black immaculate: wings dark brown.
Inhabits *New Holland*. Muſeum of Sir *Joſ. Banks*.
Thorax toothed each ſide behind. *Trout* ſometimes grey and the firſt joint of the antennæ ferruginous.

Collaris. Black-blue; fore-lobe of the thorax fulvous.
Inhabits *New Holland*. Muſeum of Sir *Joſ. Banks*.
Thorax with 2 denticles each ſide behind: *abdomen* and *wings* blue.

Frontalis. Black; front and fore-lobe of the thorax yellow.
Inhabits *New Holland*. Muſeum of Sir *Joſ. Banks*.
Wings brown with a darker border.

Analis. Glabrous, black; abdomen ferruginous at the tip; wings white.
Inhabits *India*. In the muſeum of Sir *Joſ. Banks*.

Similis. Glabrous, black: abdomen ferruginous at the tip: wings dark brown.
Inhabits *Africa*. In the muſeum of Sir *Joſ. Banks*.
Legs black, tip of the hind-thighs and ſhanks ferruginous.

Aſſimilis. Black; antennæ tail and legs rufous: wings blue, the baſe and tip white.
Inhabits *Tranquebar*.
Thorax with a ferruginous dot before the wings.

Dimidiata. Black; head and fore-part of the thorax dull ferruginous: wings black.
Inhabits *Barbary*.

Fuſca. Black, glabrous: baſe of the abdomen ferruginous.
Degeer: 2. *tab.* 28. *fig.* 6. *Geoff. Ins* 1 *tab.* 58
Inhabits gravelly places in *Europe*: after having deſtroyed the larva of a moth, depoſits its eggs in its carcaſs and then digs a hole and buries it.

Viatica Black, downy: fore-part of the abdomen ferruginous with black belts: wings brown.

Degeer. 2. *tab.* 28. *fig.* 16. *Frisch.* 2. *tab.* 1. *fig.* 13.
Resembles the last in its habits and economy.

Ursus. Black, hairy: second segment of the abdomen ferruginous: wings black.
Inhabits——Size of the last.

Amethystina Blue; antennæ and legs black.
Inhabits the Island of *Santa Cruz*. *Wings* blue.

Cingulata. Black; front streak on the fore-part of the thorax and edges of the abdominal segments cinereous.
Inhabits *New Holland*. Museum of Sir *Jos. Banks*.
Thorax with 2 cinereous dots between the wings.

Nigra. Black; segments of the abdomen with lucid margins.
Inhabits *Europe*, on flowers: small.

Labiata. Black: segments of the abdomen edged with cinereous: wings testaceous tipt with brown.
Inhabits *South American Islands*.
Head black, lip silvery: *lower-wings* white: *legs* black.

Variegata. Black spotted with white: thorax rufous under the scutel: wings tipt with brown.
Inhabits *Saxony*.
Base of the *lip* and *orbits* white: *thorax* with 4 white spots: *abdomen* with 2 white dots each side and abbreviated streak behind: *legs* black, thighs rufous: *wings* white tipt with brown.

Sanguinolenta. Black; thorax rufous before and behind: segments of the abdomen lucid at the margins.
Inhabits *Germany*; small.

Mixta. Black varied with yellow: abdomen yellow with 3 black bands.
Inhabits *America*. *Fabric. Append.* iv. *p.* 557.
Antennæ rufous tipt with black: *head* black, orbits mouth and frontal line yellow: *thorax* spotted with yellow: *legs* yellow: *upper-wings* testaceous.

Maura. Black; hind-thighs rufous.
Inhabits *Tranquebar*.

Hyalinata.

Hyalinata. Black; 4 hind-thighs rufous: wings hyaline.
Inhabits *Saxony*. 4 fore-ſhanks rufous.

Fuſcata. Black; abdomen with 2 white tranſverſe dot each ſide: hind-thighs rufous: wings tipt with brown.
Inhabits *Saxony*.

6-punctata. Black with 2 white dots under the ſcutel and 4 on the abdomen: wings tipt with brown.
Inhabits *Italy*. *Fabric. Append.* iv. *p.* 457.
Thorax impreſſed: *wings* whitiſh tipt with brown.

Bifaſciata. Black, immaculate: wings white with 2 black bands.
Inhabits *Paris*. *Body* glabrous.

Gibba. Black; abdomen ferruginous tipt with brown: upper-wings brown at the tip.
Inhabits *Europe*.

Faſciata. Black: antennæ rufous: wings white with 2 brown bands.
Inhabits *New Holland*. Muſeum of Sir *Jos. Banks*.
Tip of the *antennae* brown: *lower-wings* immaculate.

Cinerea. Cinereous; ſegments of the abdomen black at the baſe and brown at the tip.
Inhabits *New Holland*. Muſeum of Sir *Joſ. Banks*.
Antennae black: *upper-wings* tipt with brown.

Tropica. Black; ſecond ſegment of the abdomen ferruginous.
Inhabits *America*. *Orbits* white.

Fugax. Thorax covered with gold down: abdomen ferruginous: wings yellowiſh with a brown band.
Inhabits *New Zealand*. Muſeum of Sir *Joſ. Banks*.
Antennæ black: *legs* ferruginous.

Aurata. Head and thorax with gold down: abdomen black, the edges of the ſegments cinereous.
Inhabits *Eaſt India*
Antennae black, the firſt joint longer and ferruginous: *wings* hyaline: *legs* ferruginous.

Nitida. Ferruginous; thorax golden behind: wings yellowiſh.
Inhabits *New Holland*. In the muſeum of Sir *Joſ. Banks*.
Antennæ black, ferruginous at the baſe.

* *Rufipes.* Black; segments of the abdomen with a white dot each side: wings tipt with brown.
Inhabits *Europe*.

2-punctata. Black, glabrous; abdomen with 2 white dots and band behind: wings tipt with brown.
Inhabits *Europe*; resembles the last.
Legs black, hind-thighs sometimes rufous.

Nigricornis Black; head and thorax rufous.
Inhabits *New Holland*. Museum of Sir *Jos. Banks*.

Exaltata. Black; abdomen rufous tipt with black: wings brown at the tip with a white dot,
Inhabits *Europe*. *Antennae* convolute.

Maculata. Black; thorax spotted with white; first segment of the abdomen rufous, the rest with a transverse white line each side.
Inhabits *Kiel*; small.
Wings white tipt with black: *legs* rufous.

Tricolorata Black; abdomen with silky silver lunules each side, the base rufous the tip black.
Inhabits *Barbary*.
Wings whitish: *legs* rufous, thighs black.

Guttata. Black, glabrous; thorax spotted with white: abdomen rufous with transverse white dots and black before the tip.
Inhabits *Italy*; resembles Sp. maculata.
Mouth silvery, mandibles rufous at the base: *tail* rufous: *legs* black, shanks rufous.

Abdominalis. Black; thorax with a cinereous band before: abdomen rufous: wings tipt with brown.
Inhabits *Brasil*. In the museum of Sir *Jos. Banks*.
Front covered with cinereous down: *thorax* with a semicircular marginal band behind.

Capensis. Black; antennae shanks and wings testaceous, the latter tipt with brown.
Inhabits the *Cape of good hope*.

Nigrita. Black; wings blue.
Inhabits *Malabar*. In the museum of Sir *Jos. Banks*.

Turcica.

Turcica. Black ; thorax with a cinereous band before : abdomen rufous : wings black.
Inhabits *Brasil*. In the museum of Sir *Jos. Banks.*
Head black, covered with cinereous down.

Nigripes. Black : abdomen ferruginous : wings dusky : legs black.
Inhabits *Africa.* In the museum of *Sir Jos. Banks.*

Villosa. Black ; abdomen villous testaceous ; wings deep black ; legs rufous.
Inhabits *Malabar* ; small.

Discolor. Black ; glabrous : wings yellow tipt with black.
Inhabits *Barbary.* Middle of the *thorax* brown.

Flava. Black : head thorax and tail ferruginous : wings yellow tipt with brown.
Inhabits *East India.*
Antennæ ferruginous : some of the abdominal *segments* sometimes yellow at the base.

Bicolorata Black ; head tip of the abdomen and wings yellow, the latter tipt with brown.
Inhabits *New Holland.* Museum of Sir *Jos. Banks.*
Antennae yellow : *jaws* black at the tip : *thorax* downy, black behind with 2 denticles each side : *legs* yellow, thighs black, hind-shanks with a rough dorsal line.

Flavicornis Black ; lip antennæ and legs ferruginous.
Inhabits *Malabar.* In the museum of Sir *Jos. Banks.*
Wings blue : *thighs* black at the base : *hind-shanks* serrate.

Speciosa. Deep black : wings rufous tipt with white.
Inhabits——In the museum of Sir *Jos. Banks.*
Body black with a slight gloss of blue.

Fulvipennis Black ; head fore-part of the thorax tail and legs rufous : wings fulvous tipt with blue.
Inhabits *India.*
Antennae rufous : *wings* with a subocellar hyaline dot in the middle, lower-ones with a blue hind-margin and tip.

Nobilis. Varied with silvery and black : wings white with 2 black bands.
Inhabits *Cayonne* ; large.
Head villous silvery : *antennae* black : *thorax* above black, beneath and at the sides with silver down : *abdomen* villous silvery, the

the segments edged with black: *legs* black: *lower-wings* brown.

Brevipennis Black; thorax ferruginous: abdomen with 6 white spots. Inhabits *Barbary*. *Wings* short, and *legs* black.

2. Abdomen immaculate.

Ocellata. Black; legs testaceous: wings blue, with an ocellar ferruginous spot on the upper-pair.
Inhabits *Africa*. Museum of Sir. *Joseph Banks*.
Antennae black, the first joint thicker and piceous: *mouth* ferruginous: *hind-shanks* serrate.

Ruficornis. Blue: antennæ rufous: legs black.
Innabits *South America*.
First joint of the *Antennae* blue.

4-punctata. Black: antennae, streaks on the fore-part of the thorax, scutel, 4 dots on the abdomen and wings ferruginous.
Inhabits *Spain*; large.
Legs ferruginous, thighs and tip of the wings black.
Abdomen with sometimes 6 dots.

Cærulea. Blue; wings ferruginous, upper-pair whitish at the tip.
Inhabits *South America*. *Degeer. Inf.* 1, *tab.* 30, *fig.* 1.

Stellata. Blue: wings black, upper-pair with a rufous spot in the middle and whitish at the tip.
Inhabits *South America*.
Antennae black: *wings* with a blueish gloss, the rufous spot stellate; lower-ones immaculate.

Plumbea. Lead-colour; antennæ black: upper-wings tipt with brown.
Inhabits *Spain*; very small.
Segments of the *abdomen* black at the base: *wings* whitish: *legs* blackish, thighs plumbeous.

Pectinipes. Black, glabrous: fore-part of the abdomen ferruginous: fore-legs ciliate.
Inhabits *Europe*. *Fn. Suec.* 1654.

Variegata. Entirely black: wings spotted with white.
Inhabits *Europe*. *Fn. Suec.* 1655.

Antarctica Black; antennæ and legs ferruginous.
Inhabits the *Cape of good hope*: size of a wasp. *Palmipes.*

Palmipes Black; thorax with 2 yellow dots at the tip and one at the base; fore-legs palmate.
Inhabits *Sweden*; size of a common
Legs yellow, armed with 3-4 toes.

Ephippica. Black; front blueish: abdomen with a double ferruginous band.
Inhabits *Sweden*; size of a gnat.
Front hairy: *abdomen* glabrous: *fore-shanks* pale.

Stigma. Wings angular grey-brown, and reddish beneath with white spots.
Inhabits the *Cape of good hope*: small.
Antennae above ferruginous, beneath white: *wings* deeply indented, undulate with ferruginous beneath, the margin white interrupted; upper-pair with a black dot above at the angle of the tail: *abdomen* grey.

Indica. Black: antennæ and legs ferruginous: wings blueish-black.
Inhabits *South America*. *Mus. Lud. Ulr.* 408.

Colon. Black; antennæ and legs rufous: thorax green: wings with 2 black spots.
Inhabits *Sweden*. *Fn. Suec*, 1656.

Mauritanica. Black; head antennæ and legs ferruginous: wings ferruginous with a black border.
Inhabits *Mauritiana*: large.

Collaris. Black; wings brown with a white band in the middle and at the end: antennæ and legs testaceous.
Inhabits *Spain*; size of an ant. *Neck* yellow.

Coronata. Abdomen black with 2 yellow belts and dots: head and thorax spotted with yellow.
Inhabits *Switzerland*. *Act. Up.* 4. *p.* 25. *n.* 42.
Wings hyaline, blackish at the tip: *legs* red yellow, thighs black at the base.

**Xanthocephalus.* Black: front yellow: abdomen and legs spotted with yellow.
Inhabits *England*. *Forst, Nov. Inf.* 1. *p.* 86.
Antennae yellow at the base: *wings* hyaline, browniſh at the tip: joints of the *legs* blackish.

Spinosa.

**Spinosa.* Black; thorax with a spine each side behind: lip and breast silvery.
Inhabits *England*. *Wings* hyaline: *legs* rufous.

Albomaculata. Black; abdomen ferruginous at the base: wings brown with a white spot at the tip.
Inhabits *Austria*. *Schranck. Aust. p.* 383. *n.* 775.

Tricolor. Black; segments of the abdomen 2, 3. testaceous, 4, 5, 6, dotted with white.
Inhabits *Austria*. *Schranck. Aust. p.* 383. *n.* 776.

Boops. Black; 3 segments of the abdomen and tarsi testaceous.
Inhabits *Austria*. *Schranck. Aust p.* 384. *n.* 777.

Tomentosa. Black, downy: antennæ thick at the base: 3 first segments of the abdomen subferruginous, the base and tip black.
Inhabits *Europe*. *Mus. Lesk. p.* 72. *n.* 389. b.

Coccinea. Black; antennæ jaws tip of the abdomen and shanks scarlet: thorax with a tooth each side behind: wings yellow, the hind-margin brown.
Inhabits out of *Europe*. *Mus. Lesk. p.* 72. *n.* 390.

Spinipes. Black; hairy: wings yellow, the hind-margin brown with a black spot at the base of the upper-pair: segments of the abdomen 2, 3, 4, yellow on the hind-margin each side.
Inhabits——*Mus. Les. p.* 72. *n.* 391. b.
Antennæ yellow: *eyes* with a yellow line each side behind: *thorax* with a yellow transverse line before the wings: *scutel* yellow: *thighs* black, yellow at the tip; shanks yellow and spinous.

Guttata. Black; with white lines and dots; wings pale yellow: legs rufous.
Inhabits——*Mus. Lesk. p.* 73. *n.* 394. b.
Crown white: 4 *hind-shanks* toothed.

Leucomelitæ. Black: wings white towards the hind-margin: first segment of the abdomen white each side, the third with an ovate white spot on the back: 4 hind-legs rufous.
Inhabits——*Mus. Lesk. p.* 73. *n.* 395. b.

Melanochlora. Black; abdomen ferruginous at the base.
Inhabits *Europe*. *Mus. Lesk. p.* 73. *n.* 397.

Testaceæ.

Testacea. Black; legs and abdomen testaceous, the latter brown at the tip.
Inhabits *Europe*. *Mus. Lesk. p.* 73. *n.* 398.

Caspa. Abdomen black with 4 yellow elevated bands, the 3 upper-ones intersected by a triangular black spot.
Inhabits near the *Caspian Sea*. *Lepech. It.* 1. *tab.* 20. *fig.* 4.

86. AMMOPHILA. *Snout* conic inflected, concealing a bifid retractile tubular tongue: *jaws* forcipated, 3-toothed at the tip: *antennae* filiform in each sex, with about 14 articulations: *eyes* oval: *wings* plane: *sting* pungent, concealed in the abdomen. *Sand-wasp.*

This genus is separated from that of the *Sphex*, on the authority of the Rev. Mr. KIRBY: in manners and economy, they resemble each other; and it is probable that many more of the Spheges might with propriety be removed into this genus. See *Linn. Transf.* iv. *p.* 195. *tab.* 19.

*Vulgaris. Antennæ of 13 joints inserted in a hollow on the front: petiole of the abdomen long 2-jointed; wings equal.
Sphex fabulosa. *Linne* and *Fabricius*.
Donovan. iii. *tab.* 93. *fig.* 1. *Degeer*. 2. *tab.* 28 *fig.* 27.
Inhabits *Europe*. in sandy sunny banks, where it digs a hole with its fore-feet and buries the carcass of the larva of a moth or a half dead spider, in the body of which it has deposited its eggs, and then covers up the orifice.

*Affinis. Antennæ of 13 joints inserted in a hollow on the front: petiole of the abdomen 1-joined: wings shorter than the body.
Inhabits *England*. *Linn. Transf* iv. *p.* 205.
Thorax punctured, with 5 impressed lines.

*Hirsuta. Antennae of 14 joints: petiole of the abdomen 1-jointed: wings as long as the body.
Sphex arenaria *Linne* and *Fabricius*.
Inhabits *Europe*. *Linn Transf.* iv. *p.* 206.
Body black: *shanks* rough with bristles.

**Argentea.* Antennæ of 14 joints: petiole of the abdomen 1-jointed: wings ſhorter than the body.
Inhabits *England. Linn. Tranſ.* iv. *p.* 208.
Abdomen black, rufous in the middle: *legs* rough with ſhort hairs.

87. SCOLIA. *Mouth* with a curved ſharp mandible, crenate within; jaw compreſſed projecting entire and horny; tongue inflected trifid, very ſhort; lip projecting membranaceous at the tip and entire: *feelers* 4 equal ſhort filiform; in the middle of the lip; *antennae* thick filiform, the firſt joint longer.

Airata. Hairy, black: wings ferruginous tipt with violet.
Inhabits *South American Iſlands.*
Antennae of the male longer cylindrical, of the female ſhort incurved: *abdomen* ovate ſeſſile.

Nigrita. Black; wings white with a black rib.
Inhabits *Africa.* Muſeum of Sir *Joſ. Banks.*

4-maculata Hairy black: abdomen with 4 fulvous ſpots.
Inhabits *North America. Drury. Inſ.* 2. *tab.* 39. *fig.* 2.
Abdomen oblong, the ſecond and third ſegments with 2 round yellow ſpots, the edges of the ſegments ciliate: *wings* brown with a violet gloſs.

Flaviſrons Black; front yellow: abdomen with 4 yellow ſpots.
Inhabits *Europe. Sulz. Hiſt. Inſ. tab.* 27. *fig.* 3.
Antennae black or ferruginous: *front* yellow with a brown ſpot in the middle: *thorax* black with 2 yellow dots on the ſcutel.

6-maculata Hairy black: abdomen with 3 pair of yellow ſpots.
Inhabits *Italy. Scopol. Delic. Inſ.* 3. *tab.* 22. *fig.* 7.
Eyes with a yellow ſpot before and behind: *male* with the wings teſtaceous tipt with blue.

Hæmorrhoidalis. Hairy black: abdomen with 2 yellow bands: fore-part of the thorax and tail with ferruginous hairs.
Inhabits *Saxony.*
Wings ſubteſtaceous tipt with brown.

Rubiginoſa.

Rubiginosa. Black ; third ſegment of the abdomen with 2 fulvous ſpots hind-ones with ferruginous hair, tail 3-toothed.
Inhabits *Eaſt India*. *Wings* blue.

Ruficornis. Black ; antennæ fulvous : wings blue.
Inhabits *Senagal* ; large.
Firſt joint of the *antennae* black.

Variegata. Black : ſpotted with yellow : firſt ſegment of the abdomen yellow, 2, 3, 4, 5. with 2 yellow ſpots, the reſt immaculate ; tail 3-toothed.
Inhabits *Cayenne* : large.
Antennae black ; *head* and *lip* yellow : *thorax* black ſpotted with yellow : *wings* duſky : *legs* black ſpotted with yellow.

2-maculata Hairy black ; abdomen with 2 yellow ſpots : antennae yellow.
Inhabits *North America* and *Spain*.
Firſt joint of the *antennae* black : *wings* tipt with brown.

Ciliata. Black ; ſegments of the abdomen with a ciliate fulvous margin.
Inhabits *Spain* ; large.
Legs black covered with golden hair.

Aurea. Hairy ferruginous : head black : wings duſky.
Inhabits *Barbary*. Tail entire.

Ferruginea Hairy ferruginous : wings tipt with brown.
Inhabits *New Holland*. Muſeum of Sir *Joſ. Banks*.
Wings ferruginous : *body* covered with ferruginous hair.

Scutellata. Black ; thorax fulvous and ſlightly toothed behind : abdomen with 4 fulvous ſpots.
Inhabits *Naples* ; ſize of the laſt.
Thorax black before and fulvous behind, the margin nearly 5-toothed : all the *legs* black.

Radula. Black ; hairy : abdomen with 4 yellow bands.
Inhabits *America*. *Drury. Inſ.* 1. *tab.* 45. *fig.* 1.
Thorax ſpotted with yellow : *abdomen* blue : *wings* duſky.

Tridens. Black : abdomen with 3 yellow bands, tail 3-toothed.
Inhabits *Italy*.
Fore-lobe of the *thorax* yellow each ſides.

Hortorum. Black; abdomen with 2 yellow bands: wings ferruginous tipt with blue.
Inhabits *Spain*. *Cyrill. Ent. Neap.* 2. *tab.* 1. *fig.* 3. 4.

Unifasciata Hairy, black: abdomen with a yellow band: wings ferruginous at the base and brown at the tip.
Inhabits *Barbary*. *Tail* 3-toothed.

Maura. Deep black; wings blackish: tail 3-toothed.
Inhabits *Barbary*. Tip of the *wings* paler.

Collaris. Hairy, black: crown fore-part of the thorax and 2 bands on the abdomen cinereous
Inhabits *Spain*. *Wings* deep black.

5-*fasciata.* Hairy; abdomen blue with 5 yellow bands, tail 3-toothed.
Inhabits *Africa*. In the museum of Sir *Jos. Banks*.
Antennae black: *head* and *thorax* downy cinereous: *wings* brownish: *legs* hairy brown, fore-shanks yellow without.

2-*cincta.* Hairy, black: abdomen with yellow bands: wings black-blue.
Inhabits *America*. *Sulz, Hist, Inf. tab.* 27. *fig.* 4.
The second abdominal band is sometimes interrupted.

Notata. Black: abdomen with 2 yellow bands, the first with a black dot each side.
Inhabits *Italy*.
Head with 2 yellow spots on the front, the lateral ones lunate: *abdomen* with a pair of small yellow dots behind the bands: *wings* blue.

5-*cincta.* Cinereous hairy; fore-edge of the thorax and scutel yellow: abdomen blue with 5 yellow bands, tail 3-toothed.
Inhabits *Italy*; resembles Sc. 5-fasciata.

Verticalis. Hairy black: crown fulvous.
Inhabits *New Holland*. In the museum of *Sir Jos. Banks*.
Crown with 3 black stemmata: *wings* bluish.

4 *pustulata* Black; abdomen with 4 rufous dots: wings blue.
Inhabits *Malabar*. Museum of Sir *Jos. Banks*.

5-*punctata* Black; abdomen rufous in the middle, the tip black with 5 white dots.
Inhabits

Inhabits *Germany*; ſmall.
Antennae periolate: *head* with a ſmall white dot in the orbits: *thorax* with a white dot each ſide: *abdomen* with 5 white dots 2, 2, 1, the middle ones very ſmall: *legs* ſhort.

8-guttata. Black; abdomen with 2 tranſverſe white dots: wings black.
Inhabits *Spain*, on the Allium Cepa.

4-guttata. Black; abdomen with 4 white dots: wings hyaline.
Inhabits *Germany*.
Antennae ferruginous beneath: *head* black, front white.

6-guttata. Black; abdomen with 6 white dots; wings hyaline.
Inhabits *Germany*; ſmall.
Wings white with a black coſtal dot.

Priſma. Black; abdomen with 3 yellow bands, the firſt and laſt interrupted, and a yellow dot at the tail.
Inhabits *Saxony*; ſmall.
Thorax with a yellow dot each ſide: *abdomen* with 3 yellow dots each ſide beneath.

4-punctata. Black: abdomen with 4 white dots; wings ferruginous tipt with brown.
Inhabits *Italy*; ſmall.
Body hairy: *abdomen* with 2 dots each ſide.

Sexcincta. Black ſpotted with yellow: abdomen black with 6 yellow ſtreaks.
Inhabits *South American Iſlands*.
Head black, lip ferruginous: *thorax* black ſpotted with yellow: *legs* ferruginous.

Interrupta. Black with cinereous hair: abdomen black with 6 yellow bands, the 3 upper-ones interrupted; tail 3-toothed.
Inhabits *Italy*. *Scop. Fn. Inſ.* 1. *tab.* 22. *fig.* 8.
Lip with a yellow line each ſide at the baſe: *thorax* with 3 yellow dots on the ſcutel: fourth band of the *abdomen* with a black dot each ſide: *legs* black, 4 fore-ſhanks yellow above: *wings* whitiſh, the rib of the upper-pair ferruginous.

Senilis. Cinereous hairy: tail 5-toothed brown.
Inhabits *Barbary*.
Lip yellow with a black ſpot in the middle: *wings* hyaline with a ferruginous rib.

7-cincta.

7-cincta. Cinereous hairy: abdomen blueish with 7 yellow bands, tail 3-toothed.
Inhabits *New Holland.* Museum of Sir *Jos. Banks.*
Tail with a short recurved sting: *wings* brown.

Cylindrica. Black; edge of the segments of the abdomen and lateral dot near the edge yellow.
Inhabits *Italy.*
In the yellow lateral dot is a small black one: *legs* black, *forethanks* yellow: *sting* short recurved.

Bifasciata. Black; scutel and 2 dots on the thorax ferruginous: abdomen with 2 interrupted ferruginous bands.
Inhabits *New York. Act. Stockh.* 1787, 4. *n.* 2, 35.

Vespiformis. Ferruginous; 5 segments of the abdomen black on the forepart: wings dirty yellow with a black base and tip.
Inhabits *China. Act. Stockh.* 1787, 4. *n.* 2, 36.

88. THYNNUS. *Mouth* horny with an incurved mandible, the jaw short and straight: *lip* longer than the jaw, membranaceous at the tip and trifid, the middle division emarginate: *tongue* very short involute: *feelers* 4, equal, filiform: *antennæ* cylindrical, the first joint thicker.

Dentatus. Abdomen black, the segments 2, 3, 4. with 2 white dots.
Inhabits *New Holland.* Museum of Sir *Jos. Banks.*
Size of a common wasp. *Antennæ* brown, piceous at the base: *lip* yellow, mandibles yellow tipt with black: *thorax* black with a yellow scutel streak before and hind lobe and in the middle 2 impressed lines: *tail* with 7 small denticles..

Emarginatus. Abdomen black, the segments with an interrupted yellow band except the first and last; scutel emarginate.
Inhabits *New Holland.* In the museum of Sir *Jos. Banks.*
Head yellow with 2 black lines and a streak: *thorax* ferruginous with a yellow streak before and 2 black ones behind: *tail* 7-toothed.

Abdominalis. Black; abdomen ferruginous: scutel emarginate.
Inhabits *Africa.* In the museum of Sir *Jos. Banks.*
Head slightly pubescent: *wings* black: *tail* entire.

Integr.

Integer. Black; edges of the abdominal segments covered with cinereous down: tail entire.
Inhabits *New Holland.* In the museum of Sir *Jos. Banks.*
Head pubescent: *scutel* truncate obtuse.

89. LEUCOPSIS. *Mouth* horny with short jaws, the mandible thick and 3-toothed at the tip; *lip* longer than the jaw, membranaceous and emarginate at the tip; *feelers* 4, short equal filiform: *antennæ* short clavate: *thorax* with a long lanceolate scale beneath: *wings* folded: *sting* reflected and concealed in a groove of the abdomen.

Gigas. Black; thorax with 2 dorsal yellow dots: abdomen sessile with 4 yellow bands.
Inhabits *France. Vill. Entom.* 3. *tab.* 8. *fig.* 18.
Wings dusky: *hind-thighs* with numerous teeth.

Dorsigera. Abdomen, sessile black with 2 yellow bands and a dot between them.
Inhabits *Italy. Vill. Entom.* 3. *tab.* 8. *fig.* 17.
Head black: *thorax* gibbous black with a double transverse yellow line: *abdomen* compressed and grooved on the back: *sting* double, as long as the abdomen, and reflected back into the abdominal groove: *tegs* yellow spotted with black, hind-thighs toothed, with a black spot.

Petiolata. Black; abdomen petiolate ferruginous, the petiole with a yellow dot each side.
Inhabits *Tranquebar.*
Thorax elevated, with 2 yellow streaks before; under the *scutel* a yellow dot: second segment of the *abdomen* edged with yellow, the tail black: *legs* black edged with yellow: *wings* black.

Calogaster. Abdomen sessile: scale of the thorax half as long as the abdomen.
Inhabits *Germany. Schranck. Naturf.* 1. *tab.* 8. *fig.* 4, 5.
Thorax with a yellow band behind: eyes black.

90. TIPHIA. *Mouth* with a membranaceous rounded jaw, the mandible arched and acute: *tongue* 0: *feelers* 4, filiform unequal and inserted in the middle of the lip: *antennæ* filiform short convolute: *ſting* concealed within the abdomen.

A. *Jaw vaulted; lip membranaceous emarginate.* Larra.

Veſpiformis. Black; abdomen ferruginous, black at the baſe: wings blue.
Inhabits *Malabar.*
Head and *antennae* ferruginous: *wings* greyiſh at the tip.

Erythrocephala. Black; head ferruginous: wings blue.
Inhabits the *Cape of good hope.* Britiſh muſeum.

Cincta. Black; abdomen piceous, the ſecond and third ſegments edged with yellow.
Inhabits——In the Britiſh muſeum.
Head and *thorax* covered with cinereous down.

Ichneumoniformis. Black; firſt and ſecond ſegments of the abdomen rufous.
Inhabits *Hungary.*

Craſſicornis Black; abdomen with 3 ferruginous bands: legs ferruginous: wings blue.
Inhabits *Spain.*
Firſt joint of the antennæ rufous: *thorax* with a villous ferruginous dot before the wings.

4-puſtulata Black; abdomen with 4 rufous dots: wings blue.
Inhabits *Tranquebar.*
Tongue trifid: *body* black: *wings* blue.

Ruſifrons. Hairy, black: head rufous: abdomen with 3 yellow ſpots each ſide.
Inhabits *India.*
Mouth black: *wings* dull blue: *legs* black.

B. *Jaw rounded; lip horny 3-toothed.*

* *Femora*

Femorata. Black; 4 hind-thighs angular rufous.
Inhabits *England*; ſmall.
Thorax punctured, a little downy: *abdomen* oblong gloſſy-black: *ſhanks* dull ferruginous, the ends of the legs blackiſh: *wings* brown.

Illyrionica. Black; thorax ſpotted: abdomen with 5 yellow bands, the 2 firſt interrupted.
Inhabits *China*; large.
Lip with 2 ſmall yellow dots and a lunule each ſide behind the eyes: *thorax* with a yellow fore-lobe and 2 ſcutellar dots: *legs* hairy black.

Flavipes. Black; fore-margin of the thorax, ſcutel, edges of the abdominal ſegments and legs ferruginous.
Inhabits *Barbary*.
Firſt and ſecond joints of the *antennæ* ferruginous: *head* black, *lip* yellow, front with ſilvery down: *wings* hyaline with a yellowiſh rib.

Maculata. Black: thorax ſpotted with yellow: ſegments of the abdomen with 2 yellow ſpots: antennæ and legs rufous.
Inhabits *America*.
Antennæ and mandibles ferruginous: *head* round, margin of the lip and ſtreak between the antennæ chefnut: *wings* yellowiſh.

5-cincta. Black; thorax ſpotted: abdomen with 5 yellow bands, the ſecond interrupted.
Inhabits *England*. Muſeum of Sir *Joſ. Banks*.
Antennæ yellowiſh tipt with brown. *legs* yellow, thighs angular.

Variegata. Thorax varied with black and yellow: abdomen yellow.
Inhabits *Siberia*. Muſeum of Sir *Joſ. Banks*.
Antennæ black: *head* black, mouth yellow, front covered with ſilvery down: *abdomen* yellow with a black band or two, tail black.

Annulata. Black with cinereous down: abdomen deep black, the ſegments edged with cinereous fringe.
Inhabits *China*.
Legs rufous, thighs angular: *wings* duſky tipt with brown.

Hæmorrhoidalis. Black; abdomen with 5 yellow ſpots each ſide, tail and legs rufous.
Inhabits *America*.
Head black ſpotted with yellow: *thorax* ſpotted with yellow.

Nigra. Black; wings ſhining brown.
Inhabits——middle-ſized.
Head and fore-part of the *thorax* with ferruginous down.

Atra. Black immaculate.
Inhabits *Europe*. *Muſ. Lesk. p.* 73. *n.* 398.

Ephiphium. Black; thorax with a rufous dorſal ſpot.
Inhabits *America*. *Wings* brown.

Radula. Hairy black; thorax reddiſh before: ſecond and third ſegments of the abdomen yellow.
Inhabits *New Holland*. Muſeum of Sir *Joſ. Banks*.
Margin of the abdominal ſegments fringed, the fringe of the third and fourth gold, of the reſt white: *legs* black, thighs angular: *wings* blue.

Dorſata. Black: ſecond and third ſegments of the abdomen yellow on the back.
Inhabits *Coromandel*. *Wings* browniſh: *legs* hairy.

Ruficornis. Ferruginous ſpotted with black: abdomen yellow with 4 black bands.
Inhabits *Tranquebar*.
Head black with 2 ferruginous dots on the front, lip yellow: *thorax* ferruginous with a yellow fore-margin and 3 black lines: *ſcutel* black at the baſe: *legs* yellow, thighs ferruginous: *wings* brown.

Trifaſciata Black; abdomen with 3 yellow bands: wings ferruginous.
Inhabits the Iſland *Santa Cruz*.

Tricincta. Black; abdomen with 3 yellow bands: tail and legs ferruginous.
Inhabits *America*.
Front covered with cinereous down: *thorax* with 2 dots each ſide the ſcutel; firſt joint of the antennæ ferruginous: *wings* white with a ferruginous rib.

Collaris. Black; head and fore-part of the thorax downy cinereous: wings tipt with blue.
Inhabits *China* and *Malabar*.

Morio. Black; wings brown: hind-thighs with a thick cinereous beard.
Inhabits *Spain*. *Tail* and *wings* brown.

Villoſa.

Villosa. Black with ſcattered cinereous hairs.
Inhabits *Hungary*. Probably the ſame as T. atra.

Pedeſtris. Apterous, black variegated with yellow: thorax compreſſed.
Inhabits *New Holland*. In the muſeum of Sir *Joſ. Banks*.
Head above black, beneath and front yellow: *thorax* yellow on the back with a black curve: *breaſt* yellow: *abdomen* yellow, the firſt 4 ſegments black with a yellow band, the fourth black with a yellow lateral ſpot: *tail* prominent, with 2 ovate valves: *legs* yellow, thighs compreſſed carinate black.

91. CHALCIS. *Mouth* with a horny compreſſed jaw: *feelers* 4, equal: *antennae* ſhort cylindrical fuſiform, the firſt joint a little thicker: *thorax* gibbous, lengthened behind in the place of the ſcutel: *abdomen* rounded and ſlightly petiolate.

Vulpes. Black; petiole of the abdomen and hind-thighs yellow.
Inhabits *Europe*. *Sulz. Hiſt. Inſ. tab.* 27. *fig.* 1.
Hind-thighs clavate toothed, yellow with a large black ſpot, thoſe of the *female* ſimple.

Clavipes. Black: hind-thighs thick and rufous.
Inhabits *Saxony*. *Hybn. Naturf.* 24. *tab.* 2. *fig.* 23.
Four *fore-thighs* black with ferruginous tips; hind-ones clavate, the club rufous, ſhanks incurved black.

Apiformis. Cinereous; abdomen black: hind-thighs thick teſtaceous with a tooth at the end.
Inhabits——Size of a common Bee.
Antennæ black, ferruginous at the baſe: *head* villous cinereous, lip yellow with a black ſtreak.

Minuta. Black; hind-thighs thick and tipt with yellow.
Inhabits *Germany*; ſmall.
Hind-thighs ſerrate: *ſhanks* incurved yellow tipt with black.

Punctata. Yellow dotted with black; hind-thighs clavate toothed; abdomen conic.
Inhabits *South American Iſlands*.
Thorax with black ſpots and dots: *abdomen* tipt with black *hind-thighs* with a black dot at the baſe and tip: *wings* white.

Podagrica. Black; hind-thighs thick ſerrate ferruginous with a white ſpot at the tip.
Inhabits *Tranquebar*. *Hybn. Naturf.* 24. *tab.* 2. *fig.* 24.
Thorax with a black callous dot before the wings: *legs* white, thighs black: *hind-thighs* with a large white ſpot above, ſhanks incurved white, black in the middle.

Æneа. Black; abdomen conic deep gloſſy-black: hind-thighs thick immaculate.
Inhabits *Italy*. *Wings* white.

Puſilla. Gloſſy-black; hind-thighs thick with a white dot at the tip.
Inhabits *Saxony*. *Hybn. Naturf.* 24. *tab.* 2. *fig.* 25.

Annulata. Black: hind-thighs thick toothed with a white dot at the tip, ſhanks white annulate with black.
Inhabits *America*. In the pupa of Moths.
Thorax ſubvillous with a ſnowy dot before the wings: *fore-legs* white, the thighs with a black baſe, ſhanks with a black ring.

Flavipes. Black; hind thighs thick ſerrate, with a yellow ſpot at the tip: legs yellow.
Inhabits *South American Iſlands*.
Thorax punctured, with a yellow dot before the wings: *wings* hyaline: *thighs* black at the baſe.

Maculata. Yellow ſpotted with black; ſegments of the abdomen ferruginous at the baſe: hind-thighs clavate immaculate.
Inhabits *Cayenne*; ſmall.
Antennæ black, the firſt joint teſtaceous: *head* with a black line in the middle and 4 dots: *thorax* with a black line and 3 dots: *legs* yellow, thighs black at the baſe.

92. CHRYSIS. *Mouth* horny projecting; lip much longer than the jaw which is linear, membranaceous and emarginate at the tip: *tongue* 0: *feelers* 4, unequal filiform: *antennæ* ſhort filiform, of 13 articulations, the firſt longer: *body* gilt poliſhed: *abdomen* arched beneath with a ſcale each ſide: *tail* generally toothed: *ſting* pungent, nearly concealed; *wings* flat. *Golden-fly.*
Theſe are generally found in holes of old walls. *Sphecidæ.*

Splendida. Green-blue: tail 4-toothed blue.
Inhabits *Tranquebar* and *New Holland.*
Crown impreſſed: *thorax* gibbous punctured, with 2 grooves: *ſcutel* concave: *legs* green, the ends brown.

Smaragdula. Green; tail 6-toothed blue.
Inhabits *North America.* Muſeum of Sir *Joſ. Banks.*

Feſtiva. Green-bronzed: tail ſerrate blue.
Inhabits *Guinea*; leſs than the laſt.
Body rough: *antennae* black, the firſt joint braſſy: *tail* ſerrate with numerous ſmall teeth.

Calens. Blue: abdomen gold, tail 4-toothed blue.
Inhabits *Europe. Cyrill Ent. Neap.* 1. *tab.* 4. *fig.* 2.
Antennae brown: *legs* blue tipt with brown.

Scutellaris. Blue; ſcutel and abdomen gold, tail blue.
Inhabits *Italy. Fabric.* iv. *App. p* 458.
Antennae black; *legs* blue.

Oculata. Green; abdomen with a blue-gold ſpot each ſide: tail 6-toothed, blue.
Inhabits *Tranquebar.*
Antennae black; *eyes* brown: *thorax* punctured, toothed behind each ſide: *legs* green, brown at the ends.

Lynceа. Green: ſecond ſegment of the abdomen with a blueiſh eye each ſide: ſcutel prominent acute.
Inhabits *Sierra Leona.*
Head grooved: *antennae* brown: eye on the *abdomen* with a fulvous pupil: *tail* 4-toothed blueiſh: *legs* green, the ends black.

Carnea. Glabrous, black: thorax and firſt ſegment of the abdomen green, the reſt fleſh-colour: tail ſerrate.
Inhabits *Italy. Roſſ. Fn. Etruſc.* 2. *tab.* 8. *fig.* 5.
Head green, lip villous ſilvery: *antennae* black. *thorax* rough pointed behind each ſide.

**Fulgida.* Glabrous, poliſhed: thorax and firſt ſegment of the abdomen blue, the reſt gold: tail 4-toothed.
Inhabits *Europe*; larger than Ch. ignita.

Purpurata. Glabrous, golden: abdomen with a purple band in the middle: tail ſerrate purple.

Inhabits

Inhabits *Saxony*.
Antennae brown: *thorax* rough golden with 3 purpliſh lines in the middle: *legs* gold.

**Ignita.* Head and thorax green-blue: abdomen golden, 4-toothed at the tip.
Inhabits *Europe*. *Donovan's Engl. Inſ.* 1. *tab.* 7.

**Bidentata* Thorax and laſt ſegment of the abdomen blue, the 2 firſt golden: thorax 2-toothed.
Inhabits *Europe*. *Donovan.* 1. *tab.* 12. *Degeer. tab.*29.*f.* 3. 4.
Tail with 3 ſhort teeth: ends of the *legs* brown.

Integra. Green: abdomen gold, the baſe and tip green, tail entire.
Inhabits *Spain*. *Abdomen* beneath green.

**Succincta.* Glabrous green; thorax with a ſcarlet band: abdomen gold, ſlightly 3-toothed.
Inhabits *Europe*.

Glorioſa. Glabrous, golden; head breaſt and legs blue-green.
Inhabits *Barbary*.
Antennae green-blue: *head* green, front golden: *tail* entire.

Lucidula. Glabrous green: fore-part of the thorax and abdomen golden; tail entire.
Inhabits *Europe*: ſmall.
Antennæ black: *wings* brown with a marginal black dot.

Fervida. Glabrous, golden: abdomen beneath black.
Inhabits *India*; ſmall. *Legs* black.

Ænea. Glabrous, bronzed: antennae and legs brown.
Inhabits *Saxony*; ſmall. *Wings* tipt with brown.

**Aurata.* Glabrous: thorax green; abdomen golden, tail 2-toothed.
Inhabits *Europe*. *Schaeff. Icon. tab.* 42. *fig.* 5. 6.

Regia. Glabrous; thorax blue: abdomen golden, tail entire.
Inhabits *Kiel*; ſize of Ch. aurata.
Antennæ black: *wings* duſky.

**Cyanea.* Glabrous; thorax and abdomen blue.
Inhabits *Europe*. *Donovan. Eng. Inſ.* vii. *tab.* 235.

Nitidula. Green; thorax 2-toothed behind: tail 4-toothed.
Inhabits *America*. In the muſeum of Sir *Joſ. Banks*.

Amethyſ-

Amethystina. Green; tail 4-toothed blue: wings brown.
Inhabits *New Holland.* In the museum of Sir *Jos. Banks.*
Antennae brown, green at the base: *scutel* concave.

Viridula. Glabrous, green; thorax and 2 first segments of the abdomen golden on the back: tail 4-toothed.
Inhabits *Europe. Fn. Suec.* 1668.

Cyanochrysa. Glabrous, green-gold: head and thorax blue; tail 4-toothed: wings brown.
Inhabits *Spain. Forst. Nov. Inf.* 1. *p.* 88.

Cyanura. Glabrous, green: thorax 2-toothed: abdomen green 4-toothed, tipt with blue.
Inhabits *Spain. Forst. Nov. Inf.* 1. *p.* 89.
Antennae black: *wings* and *tarsi* brown.

Beryllina. Head greenish-blue; thorax blue, the fore-part greenish and 2-toothed behind: abdomen blue-green with a reddish shade: legs blue with testaceous dot.
Inhabits *Europe. Mus. Lesk. p.* 73. *n.* 401.

Thalassina. Head green-blue; abdomen gold, the last segment green blue and 4-toothed: thorax gold with a square green spot in the middle and green behind.
Inhabits *Europe. Mus. Lesk. p.* 73. *n.* 402.

Inermis. Blue; fore-part of the thorax green: abdomen gold entire.
Inhabits *Europe. Mus. Lesk. p.* 73. *n.* 405.

Chrysorrhousa. Green; last segment of the abdomen gold, entire.
Inhabits *Europe. Mus. Lesk. p.* 73. *n.* 406.

Leskii. Green with a green-gold spot before the scutel: abdomen green-gold, entire.
Inhabits *Europe. Mus. Lesk. p.* 74. *n.* 408.

93. VESPA. *Mouth* horny, with a compressed jaw: *feelers* 4, unequal filiform; *antennae* filiform, the first joint longer and cylindrical: *eyes* lunar: *body* glabrous: *upper-wings* folded in each sex: *sting* pungent concealed in the abdomen.

Wasp

These

These live mostly in numerous societies, constructing curious nests or combs, generally under ground; they prey upon other insects, especially bees and flies, and devour meal bread and fruit: the *larva* is soft, without feet and feeds on the nectar of flowers and honey: the *pupa* quiescent and has the rudiments of wings.

A. *Tongue simple or* 0.

a. *Lip furnished with a bristle each side.*

Cincta. Black; thorax with 2 dusky spots each side: abdomen deep black with a ferruginous band.
Inhabits *Tranquebar.* *Sulz. Hist. Ins. tab. 27. fig. 5.*
Wings ferruginous, black at the base.

Affinis. Black; thorax with 2 dusky spots each side: abdomen black, the 2 first segments ferruginous.
Inhabits *China*; resembles the last.

Ephippium Abdomen ferruginous, the second segment larger and black: scutel 3-toothed.
Inhabits *New Holland.* Museum of Sir *Jos. Banks.*
Antennae ferruginous, the first joint brown: *thorax* black, the fore-lobe ferruginous, 2 toothed behind: *upper wings* ferruginous tipt with violet, lower-ones immaculate at the tip.

Orientalis. Ferruginous: abdomen with a yellow band in which are 2 black dots.
Inhabits the *East.* *Drury. Ins. 2. tab. 139. fig. 1.* ?

Tricinta. Ferruginous; abdomen black with 3 interrupted yellow bands.
Inhabits *America.* In the museum of Sir *Jos. Banks.*
Larger than V. crabro. *Antennae* black, the first joint ferruginous: *head* ferruginous, crown brown, upper-lip yellow: *thorax* brown; *wings* subferruginous: *flanks* serrate on the back.

Analis. Blackish; first and second segments of the abdomen ferruginous at the base, sixth entirely yellow.
Inhabits the *Cape.* In the museum of Sir *Jos. Banks.*
Large. *Antennae* brown, ferruginous at the tip: *head* black, crown piceous: *thorax* varied with piceous and black: *wings* ferruginous, the rib black at the base: *legs* brown.

Carolina. Thorax with 3 black lines: body ferruginous: upper-wings blackish.
Inhabits *America*; size of V. Crabro.

Cornuta.

Cornuta. Ferruginous; abdomen and wings black: mandibles projecting, longer than the head.
Inhabits *Africa*. *Drury. Inf.* 2. *tab.* 48. *fig.* 3.
Thorax with a black dorsal spot: *mandibles* in one sex horned.

*Crabro. Thorax black, the fore-part rufous immaculate; incisures of the abdomen with a double contigious black dot. *Hornet.*
Reaum. Inf. 4. *tab.* 10. *fig.* 9. and 6. *tab.* 18. *fig.* 1.
Inhabits *Europe*, and makes its nest in the trunks of hollow trees or in the timber work of lofts: the *sting* is extremely painful.

*Vulgaris. Thorax black with an interrupted yellow line each side; scutel with 4 yellow spots: abdomen yellow, the incisures with distinct black dots
Donovan. vii. *tab.* 226. *Reaum* 6. *tab.* 12. *fig.* 7. 8.
Inhabits *Europe*, in large societies produced by a single female and preys on flies, bees, their honey, meat and fruit: the *males* have no sting.

Germanica Thorax black with an interrupted yellow line each side; scutel with 4 yellow spots: abdomen yellow, the first segment with 3 spots the others with a transverse indented one.
Inhabits *Kiel*; less than a common wasp.
Mandibles yellow: *lip* yellow with a black dot in the middle: *head* with 3 yellow spots: *scutel* with 4 yellow dots and a lunule each side under the wings: *legs* yellow, thighs black.

Saxonica. Thorax black with a yellow line each side; scutel with 4 yellow spots: incisures of the abdomen black at the base and tipt with yellow.
Inhabits *Germany*; resembles V vulgaris.
Antennae black, the first joint yellow beneath: *lip* yellow with a black dorsal line, mandibles yellow, and a yellow spot between the antennæ: *legs* yellow, thighs black.

Gallica. Thorax black with a yellow line each side and 2 dots; scutel with 6 yellow spots: incisures of the abdomen yellow, the second with 2 black spots.
Inhabits *Europe*; less than V. vulgaris.
Legs yellow, thighs black at the base.

Halsatica. Thorax black with a yellow line each side: scutel with 2 black dots: abdomen yellow, the upper-segments black at the base.

Inhabits *Kiel*; half the size of V. vulgaris.
Antennae black, the first joint yellow beneath: *lip* yellow with a black dot in the middle: *head* black with a yellow spot between the antennæ: *legs* yellow, thighs black tipt with yellow.

Rufa. Thorax black with a yellow line each side: scutel with 2 yellow dots: abdomen yellow, the fore-part ferruginous.
Inhabits *Northern Europe.*

Norwegica Thorax black with a yellow line each side: scutel immaculate: segments of the abdomen edged with yellow, the second with a rufous spot each side.
Inhabits *Norway.*
Head black, mouth yellow: *thorax* pubescent.

Bicolor. Yellowish: antennæ crown middle of the thorax and tail brown.
Inhabits *China*; size of V. vulgaris.
Antennae above brown, beneath yellow: *mandibles* tipt with black: *legs* yellow.

Maculata. Black; thorax spotted with white: scutel 4 spotted: abdomen white behind.
Inhabits *North America. Degeer. Inf.* 3, *tab.* 29. *fig.* 13.
Antennae ferruginous beneath: 3 last segments of the *abdomen* white with 3 black dots on each above and beneath.

Arenaria. Black; thorax spotted with yellow: segments of the abdomen with each a yellow 6-toothed band, except the first which is linear.
Inhabits *America.* In the museum of *Sir Jos. Banks.*
Head black, mouth and front yellow: *scutel* with 4 yellow dots.

Lineata. Middle of the thorax black with 2 yellow lines; scutel yellow with a black line.
Inhabits *America.*
Antennae black: the first joint yellow: *head* yellow with a black front and dot in the middle of the lip: *abdomen* ferruginous, the segments blackish at the base, with a black dot each side: *legs* yellow.

Striata. Black; thorax striate with yellow.
Inhabits *Cayenne.* *Wings* white with a brown rib.
Scutel and some dots under it yellow.

Macensis.

Mazensis. Yellow; thorax with black lines: abdomen with black waved bands.
Inhabits *India*. Museum of Sir *Jos. Banks*.
Head black between the eyes: *scutel* yellow with a black margin and line in the middle.

Carnifex. Yellow; middle of the thorax black with 4 ferruginous dots.
Inhabits *Brasil*. Museum of Sir *Jos. Banks*.
Antennae yellow, browniſh at the baſe: *crown* black with a ferruginous ſtreak: ſecond ſegment of the *abdomen* brown at the baſe: *wings* ferruginous: *legs* duſky.

Lanio. Brown; head ferruginous: antennæ black in the middle.
Inhabits *Brasil*. In the muſeum of Sir *Jos. Banks*.
Thorax ferruginous before: *wings* blackiſh: *legs* ferruginous, thighs brown.

Schaeb. Ruſty-brown: front yellowiſh; antennæ entirely ferruginous.
Inhabits *New Holland*. In the muſeum of Sir *Jos. Banks*.

Annularis. Brown: joints of the antennæ at the tips and edge of the firſt abdominal ſegment yellow.
Inhabits *North America*. *Degeer. Inſ.* 3. *tab.* 29. *fig.* 11.

Faſcata. Brown with ferruginous ſpots; firſt ſegment of the abdomen edged with yellow, ſecond with 2 ferruginous ſpots.
Inhabits *South American Iſlands*.
Antennae black, ferruginous at the baſe: *lip* and *mandibles* ferruginous. *thorax* with a ferruginous line each ſide: *legs* variegated.

Humilis. Brown; abdomen grey, firſt ſegment of the abdomen yellowiſh at the edge:
Inhabits *New Holland*. Museum of Sir *Jos. Banks*.
Wings ruſty-brown: *legs* ferruginous, thighs brown.

Chinenſis. Varied with black and yellow: antennæ and legs ferruginous.
Inhabits *China*: ſmall.
Head yellow, crown black; *thorax* black with a yellow fore-margin 2 oblique lines and dot: *ſcutel* with 4 yellow dots: *abdomen* yellow, the ſegment black at the baſe: *legs* ferruginous, yellowiſh within: *wings* duſky.

5-*cincta*.

5-cincta. Black; with yellow and ferruginous ſpots: abdomen ferruginous with 5 black bands.
Inhabits *China.*
Antennae ferruginous: *head* black with ferruginous ſpots, lip yellow: *thorax* with ferruginous ſpots and lines: *legs* ferruginous hind-ones black: *wings* yellowiſh.

Tepida. Black; fore-lobe of the thorax and 2 dots ferruginous: abdomen ferruginous at the tip.
Inhabits *New Holland.* Muſeum of Sir *Joſ. Banks*
Antennae ferruginous: *head* black, lip ferruginous: firſt ſegment of the *abdomen* black, 2, 3, edged with ferruginous, the reſt entirely ferruginous: *wings* and *legs* ferruginous, thighs black.

Æſtuans Thorax black on the back, ſcutel with 4 white dots: abdomen black, the firſt and ſecond ſegments with 2 white dots.
Inhabits *Africa.* In the muſeum of Sir *Joſ. Banks.*
Head black, lip and mouth ferruginous: *antennae* ferruginous: *thorax* with a pale ſpot each ſide on the fore-margin: *legs* and *wings* ferruginous.

Calida. Black; abdomen fulvous at the tip.
Inhabits *Sierra Leona*; large.
Scutel 2 toothed, with 4 ſtrong teeth under it: *wings* violet.

Marginella. Black; ſides of the abdomen and baſe of the wings yellow.
Inhabits *Africa* In the muſeum of Sir *Joſ. Banks.*
Head dull ferruginous: *eyes* ſpotted: *thorax* ferruginous, black on the back: *wings* black at the tip: *legs* rufous.

Aurata. Black: abdomen golden poliſhed.
Inhabits *Sierra Leona*; ſmall.

Hæmorrhoidalis. Black; fore part of the thorax and hind-part of the abdomen ferruginous: wings yellow, black at the baſe.
Inhabits *Africa.* In the muſeum of Sir *Joſ. Banks.*
Antennae ferruginous: *lip* and dot in the middle of the *front* ferruginous: ſecond and third ſegment of the *abdomen* ferruginous at the edge: *lower-wings* brown.

Albifrons. Black; lip white: abdomen with a white band.
Inhabits *New Holland.* Muſeum of Sir *Joſ. Banks.*
Antennae black, the firſt joint white beneath: *thorax* with 2 minute white dots on the fore-margin: *legs* black.

Concinna Black; abdomen ferruginous, the ſecond ſegment deep black.

Inhab

Inhabits *New Holland*. In the museum of Sir *Jos. Banks*.
Front fulvous: *wings* whitish with a broad blue outer margin: *legs* black.

Uncinata. Black; scutel and band at the base of the abdomen white.
Inhabits *America*.
Antennae hooked: *front* yellow: fore-lobe of the *thorax* white: *wings* blue.

Rufipes. Black; lip and legs rufous.
Inhabits *South Sea Islands*. In the museum of Sir *Jos. Banks*
First joint of the *antennae* beneath ferruginous: *wings* blueish at the outer margin.

Brumea Dull ferruginous; first and second segments of the abdomen black at the base.
Inhabits *Tranquebar*; large.
Aantennae and *legs* ferruginous.

Marginalis Thorax with 2 yellow lines behind: abdomen ferruginous, the first and third segments black edged with yellow.
Inhabits *Africa*. Museum or Sir *Jos. Banks*.
Head ferruginous, crown brown: *thorax* black, the fore-lobe and scutel ferruginous, under the scutel are 2 yellow lines: *wings* dusky: *legs* ferruginous.

Oculata. Ferruginous; second segment of the abdomen black with an ocellar yellow spot each side.
Inhabits *Italy*.
Thorax with a black dorsal spot: *wings* ferruginous tipt with black: *legs* ferruginous.

Dorsalis Ferruginous; first segment of the abdomen with a black spot and yellow margin.
Inhabits *North America*.
Antennae black, ferruginous at the base: *crown* black: *thorax* with a black dorsal spot: third segment of the *abdomen* with a black spot; *wings* brown.

**Parietum* Black: thorax and scutel with 3 yellow dots: abdomen with 5 yellow bands, the first very remote.
Roes. Inf. 2. *Vesp. tab.* 17 *fig.* 8. *Frisch.* 9. *tab.* 12. *fig.* 1.
Inhabits *Europe*, in old Buildings.

Serripes. Black; abdomen with 5 yellow bands: shanks serrate with spines.
Inhabits *North America*. Museum of Sir *Jos. Banks*.
Antennae black, the second and third joints rufous: *head* black with fulvous spots: *thorax* spotted with yellow: *abdomen* with

with 6 yellow bands, the first somewhat interrupted: *legs* yellow: *wings* brown.

4-cincta. Black with a yellow dot between the antennæ: abdomen with 4 yellow bands: shanks yellow.
Inhabits *Kiel*. *Thighs* black.

4-fasciata. Black; lip and legs yellow: abdomen with 4 yellow bands.
Inhabits *Denmark*; small.
First joint of the *antennæ* yellow: *head* with a yellow dot between the antennæ: *thorax* villous, the fore-margin yellow: *legs* yellow, thighs black at the base.

5-fasciata. Black; thorax spotted with yellow: abdomen with 5 yellow bands, the first very remote.
Inhabits *Kiel*. *Legs* yellow, thighs black.

* *Muraria.* Black; thorax with 2 ferruginous spots: abdomen with 4 yellow bands, the first very remote.
Inhabits *Europe*, in old walls. *Schaeff. Icon. tab.* 24. *fig.* 8.

Emarginata. Black; thorax spotted with yellow: abdomen with 5 yellow bands, the first emarginate at the tip.
Inhabits *Germany*; small.
Antennæ black, the first joint hooked and yellow: *mandibles* with a yellow outer margin; *lip* yellow: *head* with a yellow dot between the antennæ: *legs* yellow, thighs black.

Simplex. Black; lip fore-margin of the thorax and 5 simple bands on the abdomen yellow.
Inhabits *Kiel*.
Mandibles with a yellow spot: *antennæ* hooked, the first joint beneath yellow: *head* with a double yellow spot between the antennæ: *legs* yellow, thighs black at the base.

Parietina. Black; lip and spots on the thorax yellow: abdomen with 5 yellow bands above and 2 beneath.
Inhabits *Kiel*: *scutel* immaculate.

Triloba. Black spotted with yellow: abdomen with 4 yellow bands, on the first of which is a 3-lobed black spot.
Inhabits *China*; small.
Head black, lip and dot above the antennæ yellow: *thorax* black spotted with yellow: *legs* black, thighs tipt with yellow.

Spinipes.

Spinipes. Black; abdomen with 6 yellow bands: middle thighs denticulate.
Inhabits *Northern Europe*.
Antennae above black, beneath ferruginous.

6-fasciata. Black: abdomen deep black with 6 yellow bands: all the legs simple.
Inhabits *Italy*: resembles the last.
Antennæ above black, beneath yellow: *lip* and dot between the antennæ yellow: *thorax* with a yellow streak before: *legs* yellow, thighs black.

Bidens. Black; thorax 2-spined: 3 segments of the abdomen with a pale yellow margin.
Inhabits *Northern Europe*.
Lip and first joint of the *antennae* beneath yellow.

Radula. Black; abdomen deep black, the 2 first segments yellow.
Inhabits *Sandwich Islands*. Museum of Sir *Jos. Banks*.
Head and *thorax* brown: *wings* black.

Variegata. Black; head and thorax spotted with yellow: abdomen yellow, the second and third segments at the base and tail yellow.
Inhabits *Barbary*; small.
Lip ferruginous: *legs* ferruginous.

2-fasciata. Black; thorax immaculate: abdomen with 2 yellow bands.
Inhabits *Germany*. *Antennae* black: *lip* yellow.

3-fasciata. Black: thorax spotted with yellow: abdomen with 3 yellow bands.
Inhabits *Germany*.
Head black with a yellow dot between the antennæ.

Sinuata. Black; thorax spotted with yellow: abdomen with about 4 yellow bands, the first a little sinuate on the forepart.
Inhabits *Kiel*; small.
Head with 2 yellow dots between the antennæ: *legs* yellow, thighs and tips of the shanks black.

3-punctata. Thorax ferruginous, black on the back: abdomen ferruginous tipt with black, the second segment with 3 black dots.

Inhabits

Inhabits *Barbary*.
Antennæ and *mouth* ferruginous: *head* black: *wings* brown: *legs* ferruginous.

Biglumis. Scutel with 4 dots: segments of the abdomen edged with white, the second with 2 white dots.
Inhabits *Europe*, on the South side of Rocks.

2-cincta. Black; thorax spotted with yellow: abdomen with 2 yellow bands: scutel with 4 yellow dots.
Inhabits *Africa*. In the museum of Sir *Jos. Banks*.
Head with a yellow dot between the antennæ and 2 at the base of the lip.

Nidulans. Black; thorax with a white streak before, scutel white: segments of the abdomen edged with yellow.
Inhabits *Cayenne*. *Reaum. Inf.* 6. *tab.* 20—24.
Builds a large oval nest, resembling brown paper, hanging down from the branch of a tree.
Antennae black, the first joint white beneath: *lip* silvery villous: *legs* black.

Tricolor. Ferruginous; abdomen with 5 yellow bands: antennæ black in the middle and tipt with yellow.
Inhabits *Jamaica*.
Head ferruginous, jaw and ring on the crown yellow: *antennæ* ferruginous at the base: fore-margin of the *thorax* and line before the wings yellow: first segment of the *abdomen* blackish: *legs* yellow, thighs black.

2-guttata. Black spotted with yellow; segments of the abdomen edged with yellow, the second with 2 yellow dots.
Inhabits *China*; small.
Antennae black, the first joint yellow beneath: *head* and *thorax* spotted with yellow: *legs* yellow.

Aucta. Black; thorax with a yellow fore-margin; scutel with 2 yellow dots and a transverse line: abdomen with 6 yellow bands, the first with a dot each side.
Inhabits *Kiel*. *Roes. Fn. Entrisc.* 2. *tab.* 6. *fig.* 6.
Antennæ black, the first joint yellow beneath, the last hooked: *mandibles* lip and dot between the antennæ yellow: *thorax* with 2 yellow dots, scutel spotted with yellow: *legs* yellow, thighs black.

Bipunctata Thorax spotted with yellow: abdomen with 4 yellow bands and 2 yellow dots on the first segment.

Inhabits

Inhabits *Germany*.
Antennæ black, mandibles and orbits yellow: *legs* yellow, thighs black at the base.

4-punctata. Black; thorax spotted with yellow: segments of the abdomen edged with yellow, the 2 first with a yellow dot each side.
Inhabits *East India*; small.
Antennæ black, the first joint at the base and beneath yellow: *lip* and 3 spots on the front yellow: *legs* yellow.

Trifrigata. Black thorax spotted with yellow and 2 dots under the scutel: abdomen with 3 yellow bands.
Inhabits *South American Islands*; small.
Antennae black, the first joint yellow beneath: *mouth* and *scutel* yellow: *wings* tipt with brown: *legs* yellow, thighs black.

Flavipes. Thorax spotted with yellow: abdomen with 3 yellow bands and 2 dots on the first and second segments.
Inhabits *America*.
Antennae black, beneath rufous, the first joint yellow: *lip* yellow with a black spot: *wings* brown: *legs* yellow.

Variabilis. Varied with black and ferruginous: abdomen yellow, the first segment with a black spot, the second entirely black.
Inhabits *New Holland*. In the museum of Sir *Jos. Banks*.
Legs ferruginous: *abdomen* sometimes blackish.

Hebraea. Yellow; thorax with 3 black lines: abdomen with flexuous black belts.
Inhabits *East India*; large.
Front and tip of the mandibles brown: *wings* ferruginous.

Cinerascens Black; thorax projecting each side behind: wings violet.
Inhabits *America*; size of V. parietina.
Body in some directions of light cinereous.

Testa. Thorax black, the fore-lobe and abdomen ferruginous, the latter with a black dorsal line.
Inhabits *Africa*. In the museum of Sir *Jos. Banks*.
Antennae ferruginous: *head* black, the lip and behind the eyes yellow: *upper-wings* bluish with a ferruginous base: *legs* ferruginous, hind-thighs black.

Lateralis. Dull ferruginous: abdomen black with white sides.
Inhabits *Africa*. In the museum of Sir *Jos. Banks*.
Antennae tipt with black: *thorax* black on the back.

Stigma. Dull ferruginous; segments of the abdomen edged with yellow: wings with a brown spot.
Inhabits *East India*; small.
Thorax with 2 grey lines under the scutel: first segment of the *abdomen* yellow with an ovate dusky spot at the base, second dull ferruginous, third edged with yellow, the rest ferruginous.

Flavescens. Ferruginous; wings with a brown spot at the tip.
Inhabits *East India*; small.
Antennae rufous: *thorax* with a yellow spot and rufous dot: segments of the *abdomen* yellowish at the edge.

Gibbosa. Head and thorax black spotted with yellow: abdomen various with 4 yellow bands, the first segment gibbous.
Inhabits *America*; small,
Antennae black, the first joint yellow: *lip*, front orbits and 2 dots on the crown yellow: *legs* yellow, thighs black.

Americana. Scutel with 2 yellow bands and 4 lines: abdomen black with 4 yellow bands, tail brown.
Inhabits *America*.
Antennae ferruginous, black in the middle: *thorax* spotted with yellow: *legs* varied with black and yellow.

* *Coarctata* First segment of the abdomen funnel-shaped, the second campanulate and very large.
Inhabits *Europe*. *Geoffr.* 2. *tab.* 16. *fig.* 2. *Frisch.* 9. *tab.* 9.
Antennae black, yellowish at the base: *head* black with a yellow spot between the antennæ and another at the base of the lip: *thorax* with 2 yellow spots: segments of the *abdomen* edged with yellow, the first and second with 2 dots.

Arcuata. Black variegated with yellow: petiole of the abdomen incurved with 4 yellow spots.
Inhabits *New Holland*. Museum of Sir *Jos. Banks*.
Antennae black: *head* black, front and orbits yellow: *thorax* spotted with yellow: second segment of the *abdomen* very large with 2 yellow bands, the rest with a single one and all interrupted: *legs* black, shanks yellow.

Campaniformis. Black variegated with yellow: petiole of the abdomen ferruginous, the tip black with 2 yellow spots.

Inhabits

Inhabits *New Holland*. In the museum of Sir *Jos. Banks*.
Antennae ferruginous, browniſh at the tip: *head* black, front and orbits yellow: *thorax* ſpotted with yellow: *ſcutel* yellow with a black band, and under it a black groove: ſecond ſegment of the *abdomen* very large with a yellow margin and 2 ſpots at the baſe, the others edged with yellow: *legs* yellow.

Guineenſis. Black; head and legs ferruginous: petiole 2-toothed ferruginous: wings blue.
Inhabits *Guinea*; large.
Antennae ferruginous tipt with black: *head* and *thorax* blackiſh on the back: *abdomen* ovate.

Cyanipennis Black; petiole clavate and teſtaceous at the baſe: wings blue.
Inhabits *Cayenne*.
Thorax teſtaceous under the ſcutel: firſt ſegment of the *abdomen* large campanulate; the reſt ſhort black: *legs* black.

Petiolata. Varied with ferruginous and yellow; petiole incurved, ferruginous with a black band.
Inhabits *Malabar*. *Roſs. Fn. E ruſ.* 2. *tab.* 4. *fig.* 10.
Antennae hooked ferruginous: *head* with a black band between the eyes: *thorax* ferruginous, the fore-lobe yellow: petiole of the *abdomen* long, with a ſmall raiſed tooth each ſide before the tip, ſecond ſegment ferruginous with a black band and tipt with yellow, the reſt yellowiſh: *legs* ferruginous.

Conica. Ferruginous ſpotted with black: ſecond ſegment of the abdomen with a black band.
Inhabits *China*; reſembles the laſt.
Body ferruginous with a few black ſpots: *petiole* long, the baſe and tip a little blackiſh.

Pyriformis. Abdomen yellow, black at the baſe, the petiole incurved ferruginous with 2 black bands.
Inhabits *China*.
Head black, front yellow: *antennae* ferruginous: *thorax* gibbous, yellow before and black behind, with ferruginous dots: firſt ſegment of the *abdomen* campanulate very large, the baſe black with 2 ferruginous ſpots, the tip yellow: the reſt ſmall and yellow: *wings* ferruginous, the tip cinereous: *legs* ferruginous, hind-thighs black.

Pomiformis Black variegated with yellow: petiole of the abdomen with 2 yellow dots, ſecond ſegment with an interrupted yellow band, all edged with yellow.

Inhabits *Italy*; size of V. coarctata.
Antennae black, the first joint yellow beneath; *lip* yellow with a black dot in the middle: *thorax* spotted with yellow: first segment of the *abdomen* with 2 yellow dots: *legs* yellow.

Grisea. Cinereous: petiole ferruginons, second segment of the abdomen cinereous at the tip with a yellow spot each side.
Inhabits *Africa*. Museum of Sir *Jos. Banks*.
Antennae brown: *mandibles* ferruginous: *legs* brown, thighs ferruginous. *wings* whitish with a ferruginous outer-margin.

Cinerea. Grey-brown: abdomen immaculate, the petiole long incurved ferruginous.
Inhabits *Africa*. Museum of Sir *Jos. Banks*.
Sides of the *abdomen* immaculate; *wings* black.

Macilenta. Grey: abdomen blackish, the second segment with 2 cinereous spots, petiole ferruginous.
Inhabits *Africa*. Museum of Sir *Jos Banks*.
Antennae ferruginous, above black: *legs* ferruginous: *wings* whitish.

Spuria. Ferruginous; abdomen yellow, the petiole and first segment ferruginous, the former edged with black, the latter with yellow.
Inhabits *Italy*; half the size of V. petiolata.
Head yellow: *antennae* ferruginous tipt with brown: *thorax* yellow, the back and hind part ferruginous; scutel yellow; *legs* yellow, thighs ferrufiinous.

Ferruginea Ferruginous; second segment of the abdomen edged with yellow
Inhabits *East India*; small.
Petiole long incurved, a little yellowish at the edge: second segment of the *abdomen* very large: *wings* with a brown spot at the tip.

Fabida. Black, spotted with yellow; petiole of the abdomen black, the second segment yellow at the base.
Inhabits *Africa*. Museum of Sir *Jos. Banks*.
Lip yellow: *petiole* long incurved: *legs* yellow, hind-thighs black.

Phthisica

Phthiſica. Ruſty-brown: thorax ſpotted with yellow: ſegments of the abdomen edged with yellow.
Inhabits *America*; ſmall.
Lip and *orbits* yellow: *thorax* blackiſh ſpotted with yellow: *ſcutel* yellow with a black band in the middle in which is a yellow ſtreak: *petiole* long incurved, black tipt with yellow: *legs* yellow, thighs black at the baſe.

Attenuata. Abdomen ferruginous, the petiole black with a yellow band.
Inhabits *America*.
Antennae ferruginous tipt with black: *head* black, lip yellow: *thorax* dull ferruginous immaculate: *petiole* long incurved.

Cyanea. Blue; mouth ferruginous: wings brown.
Inhabits *Braſil*, and builds a heart ſhaped neſt, covered with a fine bark, and affixed to the trunk of the Anacardium orientale.
Antennae black: *petiole* ſhort companulate: *legs* brown.

Varia. Ferruginous ſpotted with yellow; petiole of the abdomen incurved with 2 yellow dots at the tip.
Inhabits *China*; ſmall.
Antennae ferruginous: *head* yellow, front and lip ferruginous: *thorax* with yellow ſpots and lines: *abdomen* ferruginous, the ſegments with yellow lateral ſpots: *legs* variegated.

Arietis. Black; petiole of the abdomen and legs rufous.
Inhabits *America*; leſs than V. coarctata.
Antennae hooked, black with a yellowiſh ſpot or two on each joint except the 2 fore ones: *petiole* long gibbous in the middle: *abdomen* globular: *wings* blueiſh-brown.

Pygmæa. Black; thorax ſpotted with yellow: petiole of the abdomen and 3 firſt ſegments edged with yellow.
Inhabits *Cayenne*; very ſmall.
Head black, ſides of the lip pale: *antennae* black.

Fulva. Thorax black, the fore-part rufous: abdomen with 2 tranſverſe fulvous ſpots, the 3 laſt ſegments fulvous.
Inhabits *Ruſſia*. *Lepech. It. tab.* 19. *fig.* 4.

Ruſpatrix. Black; abdomen ovate pale yellow, the ſegments with each a ſpot on the back,
Inhabits *Africa*; ſize of a common Bee.

Front

Front with a yellow lunule, ferruginous behind the eyes: *thorax* with a yellow dot before the wings: *ſcutel* glaucous: *abdomen* ſeſſile; *legs* yellow, ciliate without.

Caffra. Snout horny ſubulate, body varied with yellow and black: antennæ faffron in the middle.
Inhabits the *Cape of good hope.*
Head, band on the *ſcutel* and *antennae* black: *front* yellow: *thorax* ſpotted with black: *abdomen* yellow with a black dorſal line and 2 bands, the petiole curved clavate with 2 yellow dots each ſide: *legs* yellow, reddiſh beneath.

Capenſis. Snout horny ſubulate; body black: abdomen petiolate, the tip yellowiſh beneath.
Inhabits the *Cape of good hope.*.
Abdomen ovate, the petiole curved and clavate.

Surinama Black; abdomen petiolate violet-black.
Inhabits *Surinam*: ſize of a hornet.
Petiole ſubclavate: *wings* blueiſh-black.

Canadenſis Thorax with 2 ſcales: abdomen ferruginous, the firſt ſegment obconic.
Inhabits *America. Sulz. Inſ. tab.* 19. *fig.* A.

Emarginata. Scutel emarginate: abdomen black, the petiole curved and toothed each ſide.
Inhabits *America*, *Muſ. Lud. Ulr.* 412.

Tricincta. Black; thorax ſpotted; abdomen with 3 yellow bands, the 2 firſt interrupted.
Inhabits *Austria.*, *Schranck. Auſt. p.* 393. *n.* 794.

Exotica. Black varied with ferruginous; petiole of the abdomen ferruginous, the back black: legs ferruginous.
Inhabits out of *Europe. Muſ. Leſk. p.* 74. *n.* 412.
Front baſe of the *antennæ* hinder ſegments of the abdomen and tip of the firſt yellow: *wings* yellowiſh.

Reniformis Black; thorax ſpotted with yellow: ſcutel with 2 yellow lines and kidney-ſhaped ſpot each ſide behind: abdomen with 5 yellow bands: legs yellow.
Inhabits *Europe. Muſ. Leſk. p.* 74. *n.* 418.

Melanochra Black; lip, tranſverſe line on the thorax, 6 bands on the abdomen, tip of the thighs and ſhanks yellow.
Inhabits

Inhabits *Europe*. *Muſ. Lesk.*, *p.* 74. *n.* 419.
Firſt band of the *abdomen* very remote, the ſecond ſinuate each ſide.

Melanocephala. Head black with a yellow dot between the antennæ: thorax with an interrupted yellow band, abdomen with 4 and a line at the tip: thighs black, the tip aud ſhanks yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 75. *n.* 420.

Erythrocephala. Black; head and abdomen ferruginous, petiole black tipt with yellow, the firſt ſegment black before and yellow behind, 3, 4, edged with yellow.
Inhabits out of *Europe*. *Muſ. Lesk. p.* 75, *n.* 421.
Mouth, ſides of the *thorax* and oblong ſpot at the baſe yellow: *ſhanks* yellow.

b. *Lip ovate, as long as the jaw.* Mellinus.

*Myſtacea. Black; ſcutel yellow: abdomen with 3 yellow bands, the firſt interrupted.
Inhablts *Northern Europe*. Sphex myſtacea, *Linne*.
Between the ſecond and third ſegments of the *abdomen* is ſometimes a yellow dot.

Sabulosa. Black; abdomen with 3 whitiſh bands, the fore-ones interrupted: legs rufous.
Inhabits *Germany*.
Antennæ ferruginous: *head* black, orbits yellow before: *thorax* ſpotted with yellow.

Ruficornis. Thorax ſpotted; abdomen with 3 yellow bands, the 2 firſt interrupted: antennæ and legs rufous.
Inhabits *Germany*.
Head black, orbits rufous: *abdomen* black.

2-punctata Black; ſcutel yellow: abdomen with 3 yellow bands, the firſt with 2 black dots.
Inhabits *Germany*.
Antennæ black, the firſt joint yellow beneath; *orbits* and 2 dots on the *lip* yellow: *thorax* ſpotted with yellow: *legs* yellow, thighs black at the baſe.

3-lineata. Black abdomen with 3 entire yellow bands: antennæ beneath and joints of the legs ferruginous.
Inhabits *Italy*.
Thorax with a yellow ſtreak before: *ſcutel* black.

*Cam-

Campeſtris Black; ſcutel yellow: abdomen with 4 yellow bands, the firſt interrupted.
Inhabits *Europe*.

**Arvenſis.* Black; ſcutel yellow: abdomen with 4 yellow bands, the third interrupted.
Inhabits *Europe*. *Schaeff, Icon. tab.* 93. *fig.* 8.

5-*faſciata.* Black; ſcutel yellow: abdomen with 5 yellow entire bands.
Inhabits——ſize of the former ones.
Antennae above black, beneath ferruginous: *lip* yellow: *thorax* black ſpotted with yellow: *wings* duſky with a large brown ſpot towards the tip and in this a yellow dot: *legs* yellow, thighs black without.

c. *Lip compreſſed rounded, longer than the Jaw.* Philanthus.

Coronata. Black; thorax ſpotted: abdomen with 5 yellow bands, the 2 firſt interrupted.
Inhabits *Italy*.
Antennæ yellow at the baſe and tipt with black: *head* black, the lip and ſpot above the antennæ yellow: *thorax* ſpotted with yellow: *wings* yellowiſh: *legs* yellow.

Aurita. Black; head and thorax ſpotted with yellow: firſt ſegment of the abdomen with 2 yellow ſpots, the reſt with a yellow band.
Inhabits *Italy*.
Antennae black, the firſt joint yellow; *lip* orbits and dot behind the eyes yellow: *legs* yellow.

Triangulum Black: abdomen yellow, the ſegments with a black triangle on the back.
Inhabits *Germany*.
Mouth yellow: *thorax* immaculate: *legs* rufous,

Diadema. Black; abdomen yellow: legs ferruginous: lip white.
Inhabits *Italy* and the *Cape of good hope*.
Head with a 3-toothed white ſpot between the antennæ: *thorax* ſpotted with yellow: firſt ſegment of the *abdomen* blackiſh: *legs* yellowiſh.

Ruſipes. Black; thorax ſpotted: abdomen with 6 yellow ſubinterrupted bands: wings white tipt with brown.
Inhabits *Spain*; large.
Lip yellow and mandibles tipt with black: *antennae* rufous, black before the tip: *legs* ferruginous.

Arenaria. Black; abdomen with 4 yellow bands, the first segment with 2 dots.
Inhabits *Europe*; and buries itself in sands.
Scutel with a transverse yellow line and 2 dots: *legs* yellow, all the shanks serrate.

Ornata. Thorax immaculate: abdomen with 3 yellow bands, the second emarginate.
Inhabits *Germany*.
Antennæ black, beneath yellowish: *head* yellow under the antennæ; *legs* yellow, thighs black at the base.

Flavipes Black; thorax spotted: abdomen yellow, the edges of the segments and tail black.
Inhabits *Italy*.
Lip yellow, front covered with silvery down: *legs* yellow.

6-punctata. Black: thorax immaculate: abdomen with 3 yellow marginal dots each side.
Inhabits *Italy*.
Antennæ ferruginous, brown on the back: *head* yellow under the antennæ; *legs* yellow, thighs black.

5-lineata. Black; thorax spotted: abdomen with 5 yellow entire bands, tail black
Inhabits *Kiel*.
Antennæ black, the first joint beneath yellow: *head* yellow under the antennæ; *legs* yellow, thighs with a black band.

Læta. Black: thorax spotted: first segment of the abdomen with 2 yellow dots, the rest with a yellow band.
Inhabits *Spain*; resembles the last.
Antennæ ferruginous, tipt with black: *head* yellow under the antennæ: *legs* yellow, the joints of the hind-ones black; *wings* whitish, upper-pair tipt with brown.

Ruficornis Black; thorax spotted: segments of the abdomen with a yellow transverse spot each side.
Inhabits *Italy*; small
Antennæ ferruginous, brown on the back: *head* yellow under the antennæ: *legs* yellow.

3-maculata Black; thorax spotted: abdomen with 5 yellow spots.
Inhabits *Denmark*; small
Antennæ black, the first joint yellow beneath: *wings* hyaline; *legs* yellow, thighs black.

Atra. Hairy, black: abdomen short conic.
Inhabits *Italy*. *Legs* black, shanks piceous.

d. *Lip short horny.* Crabro.

Spinosa. Thorax 2-toothed behind: abdomen with 3 yellow bands.
Inhabits *Southern Europe.*
Thorax with a yellow line before and a strong tooth each side behind: *legs* black or ferruginous.

Cornuta. Yellowish; thorax black spotted with yellow: front with an elevated emarginate horn.
Inhabits *East India*, large.
Antennae ferruginous tipt with black: *head* large yellow, tip of the jaws and spot behind the antennæ dull ferruginous: first segment of the *abdomen* ferruginous, 2, yellow tipt with ferruginous: 3, 4, 5, yellow tipt with black, the last black, 2-toothed at the tip: *legs* ferruginous.

Fossoria. Thorax immaculate: abdomen with 5 yellowish spots: legs black.
Inhabits *Europe*, in sand-banks.
The hind spots on the *abdomen* are united into a band.

4-maculata Black; thorax immaculate: abdomen with 2 yellow dots each side.
Inhabits *Denmark*; small.
Wings white: *legs* yellow, thighs black.

Repanda. Cinereous downy; abdomen black with 4 flexuous glaucous bands: legs rufous.
Inhabits *India*; resembles Bembex repanda.
Antennae black, the first joint ferruginous.

Nitidula Black; with cinereous down: abdomen with 4 silvery interrupted bands: legs black.
Inhabits *East India.*
Lip covered with yellowish down.

Subterranea. Thorax spotted: abdomen with 5 yellow spots each side: antennæ black: legs ferruginous.
Inhabits *Germany.*
Head black, lip silvery: first joint of the *antennae* beneath yellow.

Maculata. Thorax spotted: abdomen black with 4 yellow spots each side: shanks yellow.
Inhabits *North America.* Museum of Sir *Jos. Banks.*
Antennae black, the first joint yellow: *lip* silvery: *thighs* black.

Sexcincta. Thorax spotted: abdomen with 6 yellow bands, the 3 first interrupted.
Inhabits

Inhabits *Germany*.
Head black, lip ſilvery: *antennae* black, the firſt joint beneath yellow, thighs black.

Interrupta. Thorax ſpotted; abdomen black with 5 interrupted yellow bands.
Inhabits *Eaſt India*; ſmall.
Head black: *mouth* yellow, mandibles tipt with black: *wings* whitiſh: *legs* yellow, thighs black.

Labiata. Thorax ſpotted: abdomen black with 5 yellow bands: the 4 firſt interrupted: antennæ rufous: lip horned.
Inhabits *Germany*.
Head black with a ſmall ſhort horn and yellow dot above the lip: *legs* rufous, ſhanks ſerrate.

4-cincta. Black; thorax ſpotted: abdomen with 4 yellow bands and tail.
Inhabits *Germany*; twice the ſize of the laſt.
Antennae black, the firſt joint yellow: *head* black, lip and orbits ſilvery: *legs* yellow, thighs black.

Pellucida. Black; thorax immaculate: abdomen with yellow bands, the middle ones interrupted: fore-ſhanks with concave ſhields.
Inhabits *Europe*. *Naturf.* 20. *tab.* 2. *fig.* 6. 7.
Legs yellow, middle-pair of thighs thick.
Female without the ſhields on the ſhanks.

Cribraria Black: thorax ſpotted: abdomen with yellow bands the middle ones interrupted: fore-ſhanks with concave ſhields.
Inhabits *Europe*. *Schaeff. Icon. tab.* 177. *fig.* 6. 7.
In one *Sex* the *legs* are ſimple, in the other ſhielded.

Clypeata. Black; abdomen with yellow bands: thorax tapering: fore-legs with concave ſhields.
Inhabits *Saxony*. *Naturf.* 15. *tab.* 3. *fig.* 19—23.
Lip ſilvery: 3 firſt bands of the *abdomen* ſometimes interrupted.

Scutata. Black; mouth and legs yellowiſh: fore-ſhanks with dilated membranes.
Inhabits *Germany*; ſmall.
Antennae black, the firſt joint yellow with a black line: *thorax* ſpotted; *abdomen* immaculate: *legs* yellow, thighs with a black line, membrane of the ſhanks white.

Vaga. Black; abdomen with 3 yellow bands, the firſt interrupted: ſhanks yellow.
Inhabits *Europe*; *Thorax* ſpotted or immaculate.

Tridens. Black; abdomen with 5 yellow bands, tail 3-toothed.
Inhabits *Italy*; ſmall.
Lip yellow: *thorax* with a yellow dot under the wings: *legs* yellow, thighs black.

Dimidiata Smooth, black; thorax ſpotted: abdomen with a yellow band before and 2 dots, tail yellow.
Inhabits *Germany*; ſmall.
Lip ſilvery: firſt joint or the antennæ yellow beneath: *legs* yellow, thighs black.

Picta. Smooth black: thorax ſpotted: abdomen ferruginous with 3 yellow bands, tail blackiſh.
Inhabits *Saxony*; ſmall.
Antennæ flexuous black: *head* yellow, crown black: *legs* yellow, hind-thighs black.

Cincta. Black; thorax ſpotted: abdomen with 3 yellow bands, the firſt interrupted: legs ferruginous, thighs black.
Inhabits *Denmark*.
Head black with 2 yellow dots under the antennæ.

Tricincta. Black: ſcutel and 2 dots under it yellow; abdomen with 3 yellow bands.
Inhabits *America*; ſmall.
Face and *orbits* yellow: *thorax* ſpotted: *wings* with a brown ſpot: *legs* black ſpotted with yellow.

**Unigluma* Scutel mucronate; 3 ſegments of the abdomen with 2 white dots.
Inhabits *Europe*. *Scharff. Icon. tab.* 20. *fig.* 1.
Lip ſilvery: *thorax* immaculate black: *legs* black, ſhanks ferruginous.

Lineata. Scutel 2-toothed and mucronate: black with yellow lines on the thorax and bands on the abdomen: legs rufous.
Inhabits *Saxony*.
Head and antennæ brown: *ſcutel* yellow with a long curved obtuſe grooved ſpine under it, black tipt with yellow: *tail* reddiſh.

Mucronata. Scutel 2-toothed and mucronate: black with a yellow tranſverſe ſpot on all the ſegments of the abdomen.

Inhabits

Inhabits *Germany*.
Antennae black, the tip a little ferruginous : *lip* ſilvery : *thorax* ſpotted : *ſcutel* with 2 yellow teeth and a grooved black ſpine under it : *legs* black, thighs yellow.

3-*ſpinoſa* Scutel 2-toothed and mucronate ; black with 2 yellow dots on the abdomen each ſide.
Inhabits *Saxony* ; ſmall.
Mouth covered with ſilvery down : *thorax* immaculate : *ſcutel* with an incurved ſharp ſpine under it : *legs* black, ferruginous at the tip.

Leucoſtoma Black ; glabrous : lip ſilvery : abdomen ſlightly petiolate.
Inhabits *Europe*, *Antennæ* filiform.

Geniculata Black; with 2 yellow dots under the antennæ: thorax ſpotted : joints of the legs yellow.
Inhabits *Germany* ; ſmall.
Legs black, ſhanks white at the baſe.

4-*punctata* Black, glabrous : lip ſilvery ; abdomen petiolate with 2 yellow dots each ſide.
Inhabits *France* ; reſembles V. Leucoſtoma.
Firſt joint of the *antennae* yellow beneath.

Lugubris. Black glabrous ; lip black : abdomen petiolate.
Inhabits *Saxony*. *Abdomen* poliſhed.

Albilabris Black, glabrous : abdomen ſeſſile : lip ſilvery : fore-ſhanks yellowiſh above.
Inhabits *Saxony*. *Abdomen* ovate poliſhed.

Minuta. Black, glabrous : mandibles and ſhanks teſtaceous.
Inhabits *Germany* : very ſmall.
Wings whitiſh with a black marginal dot : *thighs* black.

Gaditana. Black : thorax hairy : antennæ and wings reddiſh ; abdomen with 5 interrupted yellow bands.
Inhabits *Spain* ; ſize of V. vulgaris.
Baſe of the *antennae* and *jaws* yellow : *thorax* ſpotted : *thighs* and tip of the ſhanks yellow,

Leſkii. Thorax ſpotted : abdomen with 6 yellow bands narrower on the back, the firſt ſometimes interrupted : legs yellow.
Inhabits *Europe*, *Muſ. Leſk. p.* 75. *n.* 425.

Tunctu

Punctulata. Thorax spotted: abdomen with 6 yellow bands, the first composed of 3 dots, the third interrupted: lip silvery: legs black at the base.
Inhabits *Europe*. *Mus. Lssk. p.* 75. *n.* 426.

Argyrostoma. Thorax spotted, scutel uniform: abdomen with 6 yellow bands: lip silvery: thighs black, shanks yellow.
Inhabits *Europe*. *Mus. Lesk. p.* 75. *n.* 427.

Marginata. Black, punctured: abdomen with 4 bands; tail margined, the tip truncate and 2-toothed.
Inhabits *Europe*. *Mus. Lesk. p.* 75. *n.* 428.
Legs yellow, black at the base: *thighs* truncate at the tip.

Chrysostoma Black, punctured: front mouth and triangular spot each side on the fourth abdominal segment yellow.
Inhabits *Europe*. *Mus. Lesk. p.* 76 *n.* 429.
First segment of the *abdomen* yellow at the base, second yellow with a black triangle in the middle: *tail* margined: *thighs* ferruginous.

Flavipes. Base of the antennæ jaws shanks and 6 bands on the abdomen yellow, the third interrupted: lip silvery: thorax spotted.
Inhabits *Europe*. *Mus. Lesk. p.* 76. *n.* 431.
Thighs black, the 4 fore-ones yellow beneath.

Celeropus. Thorax spotted: abdomen with 3 yellow bands, the 2 first interrupted: lip silvery: thighs black, the tip and shanks yellow.
Inhabits *Europe*. *Mus. Lesk p.* 76. *n.* 432.

Unifasciata Thorax spotted: 4 first segments of the abdomen with a yellow spot each side, the fifth with a ferruginous band: lip silvery: legs ferruginous.
Inhabits *Europe*. *Mus. Lesk. p.* 76. *n.* 434.

Melanops. Thorax spotted: lip black, 3-toothed: antennæ jaws and legs yellow: 2 first segments of the abdomen with a yellow spot each side, the fourth with a yellow band.
Inhabits *Europe*. *Mus. Lesk. p.* 76. *n.* 436.

Cylindrica. Thorax spotted: abdomen cylindrical, the 3 first segments with a yellow band above and spot each side beneath: lip and legs black.

Inhabits

Inhabits *Europe*. *Muſ. Lesk. p.* 76. *n.* 438.
Antennae ferruginous at the tip: *lip* with a yellow line each ſide: *hind-ſhanks* yellow at the baſe.

Pubeſcens. Thorax immaculate downy; front mouth and ſhanks yellow: abdomen petiolate, the ſegments edged with yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 76, *n.* 438. b.
Antennæ and 4 *fore-ſhanks* black.

Nigerrima. Entirely black.
Inhabits —— *Muſ. Lesk. p.* 77. *n.* 441.

Caneſcens. Grey-black; abdomen petiolate, the 2 firſt ſegments gibbous behind.
Inhabits *Europe*. *Muſ. Leſk. p.* 77. *n.* 442.

Chryſopus. Lip ſilvery: fore-part of the thorax and dot each ſide the petiole yellow: abdomen yellow with an oblong black ſpot on the 4 firſt ſegments each ſide..
Inhabits *Europe*. *Muſ. Leſk. p.* 77. *n.* 443.
Legs yellow, black at the baſe.

Ferruginea. Black; front and lip ſilvery: thorax immaculate: tip of the petiole and firſt ſegment of the abdomen ferruginous: antennæ and ſhanks ferruginous.
Inhabits *Europe*. *Muſ. Leſk. p.* 77. *n.* 444.

Chryſogona. Lip ſilvery: thorax immaculate: abdomen black with a grey gloſs: joints yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 77. *n.* 445.

Immaculata Black; thorax immaculate: front and lip ſilvery: abdomen petiolate: legs ferruginous at the ends.
Inhabits *Europe*. *Muſ. Leſk. p.* 77. *n.* 446.

Dichroa. Black with a yellow ſpot each ſide the eyes and one under the wings; fore-margin of the thorax and joints yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 77. *n.* 447.

Tibialis. Lip ſilvery: thorax ſpotted: thighs black, ſhanks yellow, the hind-ones brown within.
Inhabits *Europe*. *Muſ. Lesk, p.* 77. *n.* 448.

Clavata.

Clavata. Abdomen petiolate clavate, the firſt ſegment yellow at the tip: lip ſilvery: thorax with a yellow dot each ſide before: hind-ſhanks clavate.
Inhabits *Europe. Muſ. Lesk. p.* 77. *n.* 449.
Thighs black, the baſe and tip yellow: *ſhanks* yellow, the middle ones with a black ſpot within, hind-ones black in the middle and yellow at the tip.

Lutea. Black; thorax immaculate: abdomen petiolate, yellow at the tip: jaws antennæ ſpot on the wings and ſhanks yellow.
Inhabits *Europe. Muſ. Lesk. p.* 77. *n.* 450.

Braccata. Black; thorax immaculate: lip ſilvery: baſe of the antennæ and fore-legs yellow; thighs black above.
Inhabits *Europe. Muſ. Lesk. p.* 77. *n.* 451.

Flavicans Black; thorax with a yellow dot each ſide: jaws baſe of the antennæ and fore ſhanks yellow, baſe of the 4 hind-ones yellow.
Inhabits *Europe. Muſ. Lesk. p.* 77. *n.* 452.

B. *Tongue bifid, retractile.* Maſaris.

Veſpiformis Abdomen black with 6 yellow bands: antennæ black, nearly as long as the body.
Inhabits *Barbary.*
Antennæ with an interrupted yellow lateral line: *upper lip* yellow with a fine black edge: *head* with a yellow frontal ſpot and orbits: *thorax* with a yellow ſpot in the middle, the edge and ſcutel yellow: *legs* yellow. thighs black at the baſe.

Apiformis Antennæ clavate ferruginous; abdomen black with 5 yellow bands.
Inhabits. *Italy. Roſi. Fn. Etruſc.* 2. *tab.* 7. *fig.* 10, 11.
Antennae ſhort, the firſt joint black: *head* black with 3 yellow frontal ſpots: *thorax* ſpotted with 2 horny yellow ſcales at the baſe: *abdomen* ovate, the 2 laſt bands interrupted each ſide: *legs* yellow.

C. *Tongue inflected, 5-cleft.* Bembex

Signata. Upper-lip rounded entire: body varied with black and yellow.
Inhabits *America. Sulz. Hiſt. Inſ. tab.* 27. *fig.* 9.

Punctata.

Punctata. Upper-lip entire: segments of the abdomen black with 4 yellow dots.

Inhabits *Brasil.* In the museum of Sir *Jos Banks.*

Lip black with a yellow line each side: *antennae* black, the first joint yellow beneath: *thorax* black: 4 first segments of the *abdomen* with 4 yellow dots, 5, with 2, 6. immaculate, 7. with a yellow line each side. *legs* black.

Rostrata. Upper lip conic cleft: abdomen black with flexuous glaucous bands.

Inhabits *Europe.* *Sulz Hist Ins. tab. 27. fig. 10.*

Builds in sand banks, and deposits only one larva in each nest.

Olivacea. Lip conic yellow: abdomen glaucous, the segments edged with black; tail 3 toothed.

Inhabits *Barbary.*

Antennae black, yellow at the base: *head* grey-brown: *thorax* brown with a yellowish border: second segment of the *abdomen* with 2 dots: *legs* yellow.

Glauca. Lip conic; abdomen glaucous, the segments with 2 black dots:

Inhabits *Tranquebar*; size of V rostrata.

Lip yellowish: *front* brown: back of the *thorax* brown with 2 yellow lines. *legs* yellow.

Lunata. Lip conic: thorax ferruginous with black lines: abdomen ferruginous, the segments with a yellow lunule each side.

Inhabits *Tranquebar.*

Antennae ferruginous tipt with black: *lip* yellow: *head* brown: *thorax* black behind with a yellow band: 3 last segments of the *abdomen* yellow: *legs* yellow, thighs ferruginous.

Carolina. Lip conic black: abdomen black, the first segment with an interrupted yellow band, the rest with yellow dots.

Inhabits *Carolina.*

Antennae black, the first joint yellow beneath: *head* brown. *lip* yellow: *thorax* brown with a yellow dot under the wings: last segment of the *abdomen* immaculate: *legs* yellow, thighs black at the base.

Repanda. Lip conic; abdomen glaucous with 6 flexuous black bands.

Inhabits *Tranquebar.*

Antennae above black, beneath yellow: *lip* yellow: *crown* brown, mandibles tipt with black: *thorax* brown with abbreviated lines: *scutel* with 2 yellow curves; *legs* yellow.

Americana. Lip conic; thorax immaculate: abdomen yellow with black flexuous bands and dots.
Inhabits *South American Iſlands.*
Thorax brown: firſt ſegment of the *abdomen* black with an interrupted yellow band.

Spinoſa. Lip conic: black; thorax ſpotted, with a tooth each ſide behind: abdomen with 6 interrupted yellow ſtreaks.
Inhabits *South American Iſlands.*
Antennæ black, the firſt joint yellow beneath: *head* black, lip yellow: *legs* yellow, thighs black.

Lineata. Lip rounded: abdomen black, with 4 lines of yellow dots above and 2 beneath.
Inhabits——In the muſeum of Sir *Joſ. Banks.*
Antennae brown: *lip* yellow with a black ſpot in the middle: *thorax* brown with a yellow ſpot under the ſcutel: *legs* ferruginous

Striata. Lip rounded yellow: thorax lineate: ſegments of the abdomen with a large black tranſverſe ſpot on the back.
Inhabits——In the *Britiſh Muſeum.*
Antennae brown: the firſt joint yellowiſh: *mouth* yellow, mandibles tipt with brown: *head* yellowiſh, crown brown: *thorax* yellowiſh with 3 ſhort black lines: *ſcutel* yellow with a brown band in the middle: *legs* yellow.

Integra. Lip rounded: black: abdomen with 6 yellow bands, the firſt 5 interrupted: thighs black.
Inhabits *Italy.*
Antennae black, the firſt joint yellow beneath, the laſt ferruginous: *head* covered with cinereous down, lip yellow: *thorax* brown immaculate: *tail* 3-toothed: *legs* yellow.

6 *faſciata.* Lip rounded: abdomen black with 6 yellow bands, the 3 firſt interrupted: legs entirely rufous.
Inhabits *Eaſt India*; reſembles the laſt.
Antennae black, the laſt joint rufous: *head* black, lip yellow: *thorax* immaculate: *wings* whitiſh, a little teſtaceous at the baſe; *tail* 3-toothed black.

Tridentata. Lip rounded: black; abdomen with 2 yellow bands, tail 3-toothed: wings black edged with white.
Inhabits *Southern Europe.*
Head black, mouth with ſilvery down: *thorax* black immaculate: *tail* with 3 incurved ſharp teeth: *legs* black.

Interrupta.

Interrupta. Lip rounded entire: black; thorax ſpotted; abdomen with 5 interrupted yellow bands.
Inhabits *Eaſt India*; ſmall.
Mandibles teſtaceous tipt with black. mouth yellow: *antennæ* black: *legs* teſtaceous, thighs black.

Ruficornis. Lip ſubconic: thorax brown ſpotted with yellow: abdomen black with 6 yellow bands: antennæ and legs ferruginous.
Inhabits *Spain*.
Head brown, mouth yellow: 4 firſt bands of the *abdomen* interrupted.

94. APIS. *Mouth* horny, jaw and lip membranaceous at the tip: *tongue* inflected: *feelers* 4, unequal, filiform: *antennæ* ſhort filiform, thoſe of the female ſubclavate: *wings* flat: *ſting* of the females and neuters pungent and concealed in the abdomen. *Bee.*

The inſects of this genus live, ſome of them in large ſocieties and ſome are ſolitary: their food is the nectar of flowers honey and ripe fruit: the *larva* is ſoft and without feet: the *pupa* reſembles the perfect inſect.

A *Tongue* 3-*cleft*; *lip elongated triſid.* Hylæus.

Cylindrica. Black; abdomen cylindrical, the ſegments whitiſh at the edge: tip of the lip and joints of the legs white.
Inhabits *Germany*.
Head covered with cinereous down, lip black, the tip yellowiſh: *thorax* immaculate: *wings* hyaline.

Alternans. Thorax covered with ferruginous down: abdomen cylindrical, the ſegments with a black band in the middle.
Inhabits *Barbary*; larger than Ap. floroformis.
Head black: ſegments of the *abdomen* pale at the baſe, black in the middle and fulvous at the tip: *legs* fulvous, thighs black.

4 cincta. Black; abdomen cylindrical with 4 white bands.
Inhabits *Denmark*; ſize of Ap. floriformis.
Antennæ above black, beneath ferruginous: *legs* yellow, thighs black.

*Maxillosa. Black; mandibles prominent: antennæ shorter than the thorax: abdomen cylindrical with yellow down beneath.
Inhabits *Europe*.
Segments of the *abdomen* with a whitish interrupted margin.

*Floriformis. Hairy: abdomen cylindrical incurved, tail 2-toothed.
Inhabits *Europe*. *Hind-shanks* spinous at the tip.

6-cincta. Cinereous: abdomen cylindrical black with 6 yellow bands: legs yellow.
Inhabits *America* and *Southern Europe*.
Atennae reddish: edges of the *segments* yellow.

Thoracica. Black; fore-part of the thorax ferruginous.
Inhabits *Italy*; less than Ap. floriformis.
Abdomen cylindrical, the segments fringed at the edges with cinereous hairs: *wings* whitish tipt with brown.

Flavilabris. Black; thorax spotted: abdomen cylindrical with 2 yellow dots and 5 bands: legs yellow.
Inhabits *Italy*; resembles Ap. 6-cincta.
Antennae ferruginous: *head* yellow under the antennæ: first segment of the *abdomen* with 2 yellow dots, the rest with a broad yellow band.

Truncorum Black; abdomen cylindrical, the segments edged with white: body beneath cinereous downy.
Inhabits *Europe*.
Thorax immaculate: *wings* white the hind-margin brownish.

Albilabris. Black; with a snowy spot on the lip and dot each side under the wings.
Inhabits *Barbary*; small.
Legs black, shanks covered with cinereous down.

Flavipes. Shining black bronzed: legs yellow.
Inhabits *Asia*, very small.
Head black, lip yellow: *thorax* immaculate.

*Annulata Black with a white front and rings on the legs.
Inhabits *Europe*; smells of Musk.

Albipes. Brown: abdomen rufous in the middle: shanks white
Inhabits *Italy*; small.
Lip edged with yellow: *shanks* with a brown spot.

Similis

Similis. Black; lip and legs with cinereous down.
Inhabits *Denmark*; ſmall. *Wings* whitiſh.

Triangulum Gloſſy-black: front with 3 yellow ſpots.
Inhabits *Braſil*; ſmall.
Thorax immaculate: *legs* black tip with white.

Morio. Black; thorax blueiſh: abdomen deep gloſſy-black.
Inhabits *France*; very ſmall.
Antennæ reddiſh beneath: *head* immaculate.

B. *Tongne 3-cleft: lip cylindrical with 2 membranaceous briſtles each ſide.* Andrena.

*Cæruleſcens. Brown ſubvilloſe: abdomen blueiſh, the inciſures of the ſegments whitiſh.
Inhabits *Northern Europe*.

Ruſipes. Black; ſegments of the abdomen fulvous at the edges: legs fulvous; wings tipt with brown.
Inhabits *Barbary*; large.

Spiralis. Black with cinereous down: antennæ convolute: abdomen 4-toothed beneath at the baſe.
Inhabits *France*; ſmall.

Cornuta. Black; margins of the abdominal ſegments whitiſh, beneath hairy: ſhield elevated gibbous obtuſe.
Inhabits *Barbary*.
Head black with cinereous wool, and under the antennæ a ſhort obtuſe horn: *legs* ciliate black.

Labiata. Black, villous; ſecond and third ſegments of the abdomen rufous: lip white.
Inhabits *Germany* and *Italy*. *Lip* yellow.

Florea. Thorax pubeſcent; abdomen black, the firſt and ſecond ſegments rufous, the reſt reddiſh at the tip.
Inhabits *Kiel*; leſs than the laſt.
Thorax ſubferruginous: *wings* whitiſh.

Metallica Black bronze: thorax and baſe of the abdomen covered with cinereous down.
Inhabits *America*; large,
Crown and *thorax* cinereous downy: *wings* white.

*Æneæ.

**Aenea.* Bronzed, with greyiſh pubeſcence.
Inhabits *Europe*. *Body* entirely coppery.

Cyanea. Blue, with cinereous down.
Inhabits *Barbary*; ſize of the laſt.
Antennae and *legs* black.

Marginata Thorax pubeſcent; abdomen ferruginous, the ſegments cinereous at the edges, the firſt ſegment black.
Inhabits *Germany*; ſize of Ap. helvola.

**Helvola.* Thorax ferruginous: abdomen greyiſh.
Inhabits *Northern Europe*. Beneath whitiſh.

Bicolor. Thorax villous ferruginous: abdomen black immaculate.
Inhabits *Denmark*.

Tricolor. Thorax black, behind with ferruginous down; abdomen black, the ſegments edged with white.
Inhabits *America*.
Antennæ black, the firſt joint yellow beneath: *mouth* yellow.

Curvipes. Brown; abdomen with 5 yellow belts; legs teſtaceous, hind-thighs beneath concave and 1-toothed.
Inhabits *Tranquebar*.
Mouth yellow: *antennae* piceous: *ſhanks* incurved, with a ſtrong ſpine at the tip.

Cincta. Head and thorax covered with green-down: abdomen black, the ſegments edged with blue.
Inhabits *Eaſt India*; large.
Antennae black: *head* brown: *legs* black; ſhanks ciliate and ferruginous on the back.

Strigata. Black: thorax with a whitiſh border; abdomen deep black with 4 greeniſh bands.
Inhabits *Eaſt India*; leſs than the laſt.
Head and *thorax* downy: *legs* yellowiſh.

Nigrita. Black: ſegments of the abdomen with ſnowy margins.
Inhabits *America*; ſize of the laſt.

Faſciata. Cinereous downy: abdomen black with 4 white bands.
Inhabits *America*. *Abdomen* glabrous.
Legs black: *hind-ſhanks* with cinereous down.

Zonata

Zonata. Brown: subpubescent; abdomen with 4 blue bands.
Inhabits *India*.

Circulata. Thorax downy fulvous: abdamen black, the segments edged with white.
Inhabits *Guinea*; small.
Aantennae black: *head* covered with fulvous down, lip whitish with 2 black dots: *legs* black.

Pilipes. Glabrous, black: hind-legs fringed with white: wings brown.
Inhabits *Italy*; size of Ap. hæmorrhoidalis.

Carbonaria Black; thorax cinereous downy; legs smooth: wings brown.
Inhabits *Germany*; size of the last.

Hirsuta. Hairy ferruginous: hind-legs long, very hairy at the tip.
Inhabits *Spain*.
Antennae piceous, black at the base. *abdomen* beneath glabrous black: *hind-shanks* and *tarsi* rufous.

Hirtipes. Cinereous downy: abdomen black with 4 white bands: hind-legs with very thick rufous hair.
Inhabits *Germany*.
Antennae and *crown* black; *shanks* rufous hairy.

Hæmorrhoidalis. Black; tail ferruginous.
Inhabits *Sweden*.
Lip with cinereous down: *hind shanks* rufous.

Gulosa. Black: abdomen yellow with a black base: tongue very long.
Inhabits the *Cape of good hope*.
Shanks compressed and very acute on the back.

Bidentata. Abdomen brown with 5 white belts: tail 2-toothed.
Inhabits *America*, and forms its nest of the leaves of trees rolled up, in old walls. Museum or Sir *Jos. Banks*.
Upper lip hairy yellow: *antennae* black: *thorax* black with cinereous down: *wings* white: *legs* brown; hind-ones long yellow, the shanks ciliate.

Nigricornis Glabrous; head and thorax green: abdomen black with 5 yellow bands.
Inhabits *Georgia*; small.

Antennæ

Antennae black ; *lip* yellow : *thorax* immaculate ; *wings* whitiſh : *legs* yellow, hind-thighs thick with black joints.

Viresceus Head and thorax green-broze : abdomen black.
Inhabits *America* In the muſeum of Sir *Joſ. Banks.*
Tongue ſhort brown : *wings* and *legs* brown.

Cingulata. Thorax rufous : abdomen black with 4 blueiſh bands.
Inhabits *New Holland.* Muſeum of Sir *Joſ. Banks.*
Head black with a yellow line : lip yellow : *ſhanks* rufous.

**Succincta.* Thorax hairy fulvous : abdomen black with 4 white bands.
Inhabits *Europe. Schaeff. Icon. tab.* 34. *fig.* 5.

Maculoſa. Brown ſubvillous ; 3 firſt ſegments of the abdomen ferruginous with a large brown ſpot on the back ; fore-part of the lip and ſhanks yellow, the latter brown in the middle.
Inhabits *Europe. Muſ. Lesk., p.* 78. *n.* 455.

Flavicornis Brown ſubvillous : inciſures of the abdomen edged with whitiſh : lip antennæ and ſhanks yellow.
Inhabits *Europe. Muſ. Lesk. p.* 78. *n.* 456.

Fuſcicornis Brown, ſubvillous ; inciſures of the abdomen ferruginous at the edge : lip and ſhanks yellow, middle of the latter and antennæ brown.
Inhabits *Europe. Muſ. Lesk. p.* 78, *n.* 457.

Subvilloſa. Brown ſubvillous : 2 firſt ſegments of the abdomen and fore-part of the antennæ ferruginous : ſhanks white at the baſe.
Inhabits *Europe. Muſ. Lesk. p.* 78. *n.* 458.

Rubricornis Brown, ſubvillous : antennæ beneath ferruginous ; ends of the legs white,
Inhabits *Europe. Muſ. Lesk. p.* 78. *n.* 459.

Guttata. Black, punctured : inciſures of the abdomen pale yellow.
Inhabits out of *Europe. Muſ. Leſk. p.* 78. *n.* 461. b.

C. *Tongue* 3-*cleft* : *hind-feelers tongue-ſhaped.* Nomada.

Hiſirio. Thorax abdomen and legs variegated with white and black ; ſcutel emarginate.
Inhabits *Eaſt India.*

Antennæ

Antennae black: front villous white: *abdomen* black, the segments with each a white dot each side: *legs* black spotted with white.

Scutellaris Black; with cinereous down; abdomen black dotted each side with white: scutel prominent 2-toothed.
Inhabits *Siberia*. Museum of Sir *Jos. Banks*.
Front covered with white down: *legs* black, shanks with a large white spot: *upper-wings* brown with a white marginal spot.

Punctata. Black; abdomen dotted with white each side; scutel with a single spine; legs ferruginous.
Inhabits *Canada* half the size of the last.
Antennae ferruginous, black at the base: *lip* silvery: *thorax* with a callous dot before the wings: *legs* rufous, thighs black.

Tibialis. Scutel 2-toothed, thorax black spotted with white: abdomen with 6 white spots: legs rufous.
Inhabits——size of the last.
Thorax black with 2 villous dots and dorsal line: *scutel* with a villous groove in the middle: *wings* brown with a whitish spot on the upper-pair.

Variegata. Thorax and abdomen variegated with white: legs ferruginous.
Inhabits *Europe*. *Scutel* white or ferruginous.

Agrestis. Hairy: segments of the abdomen tipt with black.
Inhabits *Spain*. Colour various.
Antennae black: *head* and *thorax* with rufous hair: *abdomen* rufous, the first segment black at the base, the rest at the tip.

Ruficornis. Antennæ legs and 4 dots on the scutel ferruginous: abdomen ferruginous variegated with yellow.
Inhabits *Europe*. *Thorax* with white lines.

Rufipes. Black; scutel yellow: abdomen with 2 yellow spots each side and 2 bands.
Inhabits *Germany*; less than the last.
Antennae black, rufous at the base: margin of the lip a little rufous: *thorax* spotted with yellow.

Spinosa. Ferrnginous: thorax with black lines: abdomen rufous spotted with yellow.

Inhrbits *Europe* ; ſize of the next.
Antennae ferruginou. : *head* with a black ſpot in the middle : *thorax* with ferruginous ſpots beneath : *wings* whitiſh with a browniſh tip : *legs* rufous.

Fabriciana Black ; abdomen glabrous ferruginous with 2 yellow ſpots.
Inhabits *Upſal.*

Fulvicornis Black ; antennae and legs ferruginous : ſcutel with 4 yellow dots : abdomen with 5 yellow bands.
Inhabits *Italy.*
Lip yellow : *antennae* rufous, the firſt joint yellow beneath : *thorax* ſpotted with yellow.

**Gibba.* Black ; abdomen rufous tipt with black.
Inhabits *England.* *Abdomen* glabrous.

Albilabris. Black ; abdomen rufous, the firſt ſegment black.
Inhabits *Kiel.*
Lip ſilvery : *thorax* immaculate.

Hattorfiana Black ; ſecond ſegment of the abdomen rufous with 3 black ſpots.
Inhabits *Germany.*
Firſt ſegment of the *abdomen* black with a ferruginous margin, 2. ferruginous with 3 black ſpots, 3, 4, black edged with white, 5, black, tail reddiſh : *legs* black, the hind-ones covered with white wool.

Cingulata. Cinereous downy ; abdomen glabrous black, the ſecond and third ſegments ferruginous.
Inhabits *Sweden.* *Wings* white.
In one *Sex* the abdomen is rufous.

Riparia. Abdomen elliptic gloſſy : wings edged with black.
Inhabits *Italy.* *Scop. Ann. Hiſt.* 4. *p.* 45. *n.* 1.
Segments of the *abdomen* ſometimes edged with white at the ſides.

Squalida. Black ; upper-wings with a black dot in the middle of the margin.
Inhabits *Carniola.* *Scop. Ann. Hiſt.* 4. *p.* 45. *n.* 3.

Montana. Reddiſh ; abdomen elliptical black, the ſegments edged with white.

Inhabits

Inhabits *Carniola*. *Scop. An Hiſt.* 4. *p.* 45. *n.* 4.
Margin of the *upper-wings* reddiſh.

Minor. Black; antennæ mouth abdomen and joints of the hind-legs rufous.
Inhabits *Carniola*. *Scopol. Ann. Hiſt. p.* 45. *n.* 5.
Wings edged with black.

Ranunculi Black; ſegments of the abdomen rufous at the margin each ſide.
Inhabits *Carniola*. *Scop. Ann. Hiſt.* 4. *p.* 46. *n.* 6.
Front hairy: *wings* with a rufous margin.

Naſuta. Abdomen oblong: jaws prominent obtuſe.
Inhabits *Carniola*. *Scop. Ann. Hiſt.* 4. *p.* 47. *n.* 8.

Tranquebarorum. Beneath hairy: front yellow: breaſt with a white ſpot each ſide: wings violet.
Inhabits *Tranquebar*. *Act. Stock.* 1787. 4. *n.* 2. 37.

Maura. Very hairy, black: jaws very broad and rounded at the tip: wings violet ferruginous.
Inhabits *Braſil*. *Stock. Tranſ.* 1787. 4. *n.* 2. 38.

D. *Tongue* 5-*cleft*: *feelers very ſhort*. Apis.

Latipes. Hairy, black: fore-tarſi flat yellow and ciliate within.
Inhabits *China*. *Drury. Inj.* 2. *tab.* 48. *fig.* 2.
Wings violet; *ſhanks* with 2 ferruginous dots.

Merio. Hairy, black immaculate: wings blue.
Inhabits *Braſil*. Muſeum of Sir *Joſ. Banks*.
Reſembles the laſt, but the *legs* are all ſimple.

Violacea. Hairy black: wings violet.
Degeer. Inj. 3. *tab.* 8. *fig.* 15. *Reaum. Inſ.* 6, *tab.* 5. *fig.* 1. 2.
Inhabits *Southern Europe*, in the trunks of decayed trees, which it perforates longitudinally and forms numerous neſts, in each of which is depoſited a ſingle egg: theſe neſts are made of the pollen of vegetables mixed with honey, and are begun from the bottom.

Splendida. Almoſt naked, blue: abdomen ſhining green-bronze.
Inhabits *Cayenne*; nearly as large as the laſt.

Head

Head blue : *antennae* black : *eyes* large teſtaceous ; *wings* blue : *legs* blue, hind-ſhanks and tarſi with thick black fringe.

Nigrita. Hairy, black : front and ſides of the abdomen cinereous.
Inabits *Africa.* In the muſeum of Sir *Joſ. Banks.*
Thorax and *wings* black : *breaſt* cinereous.

Dimidiata. Black ; ſegments of the abdomen edged with cinereous, tail rufous : wings black at the baſe.
Inhabits *Surinam*; large.
Head with 3 raiſed lines, lip arched obtuſe, *thorax* ſilky black : *ſcutel* large ſquare : *wings* black from the baſe to the middle, the tip whitiſh : *hind-ſhanks* very thick and 2-toothed at the baſe.

Carolina. Hairy, black : abdomen yellowiſh above.
Inhabits *America.*

**Terreſtris* Hairy, black : thorax with a yellow band : abdomen with a yellow belt, tail white or yellow. *Humble bee.*
Donovan. iii. *tab.* 88. *fig.* 1. *Reaum.* 6. *tab.* 3. *fig.* 1.
Inhabits *Europe*, and forms its neſt deep in the earth.

Cryptarum Hairy, black : abdomen with a yellow band, tail white.
Inhabits *Germany*; ſize of the laſt.

Ruderata. Hairy, black : thorax yellow with a black band : abdomen yellow on the fore-part, tail white.
Inhabits *Germany* and *Madeira. Cyrill. Ent. Neap.* 1. *t.* 2. *f.* 5.

Nemorum. Hairy, black ; thorax with an interrupted yellow band : tail pale.
Inhabits *Germany* ; ſize of Ap. terreſtris.

Sorrenſis. Hairy, black : tail white.
Inhabits *Germany. Schæff. Icon. tab.* 251. *fig.* 6.

Lapponica. Hairy, black : thorax yellowiſh with a black band : abdomen rufous, tail yellowiſh.
Inhabits *Lapland*, large.

Surinamenſis. Hairy black : abdomen yellow except the firſt ſegment.
Inhabits *Surinam. Degeer. Inſ.* 3. *tab.* 28. *fig.* 9.
Hind-thighs dilated and 1 toothed at the tip.

Virginica. Hairy, pale : abdomen black except the firſt ſegment.
Inhabits *Virginia. Drury Inſ.* 1. *tab.* 43 *fig.* 4. *Auct.*

Antiguenſis Hairy, black: thorax and fore-part of the abdomen yellow.
Inhabits *Antigua*. *Wings* brown.

Hiſpanica. Hairy, yellowiſh: abdomen tipt with black: middle pair of legs with tufts of hairs.
Inhabits *Spain*; large. *Lip* yellow.

Americanorum. Hairy, black: thorax yellow before; abdomen yellow, tail black.
Inhabits *America*; ſize of Ap. terreſtris.
Thorax yellow before and black behind: *abdomen* yellow, tail black.

Caffra. Hairy, black: hind-part of the thorax and fore-part of the abdomen yellow.
Inhabits the *Cape of good hope*.

Africana Hairy, black: thorax yellow on the back: abdomen greeniſh, the firſt ſegment yellow.
Inhabits *Africa*. In the muſeum of Sir *Jos. Banks*.
Head black with green down: *antennae* black, ferruginous at the tip: *thorax* full yellow, the fore-margin black: *wings* brown.

Olivacea. Hairy, greeniſh: abdomen beneath and tip of the 4 hind-legs black.
Inhabits *Sierra Leona*.
Head hairy green: *antennae* and *tongue* black.

**Hortorum* Hairy, black: thorax yellow before: abdomen with a yellow band, tail white.
Inhabits *Europe*; leſs than Ap. terreſtris.

Equeſtris. Hairy, yellow: head, band on the thorax and under-part of of the abdomen black.
Inhabits *Northern Europe*. *Abdomen* paler at the tip.

Arboſtorum Hairy, black: thorax yellow before: tail red.
Inhabits *Denmark*. *Front* with yellow hair.

**Agrorum.* Hairy, black: thorax and tail ferruginous.
Inhabits *Europe*; large.

**Lapidaria* Hairy, black: tail red: wings whitiſh hyaline.
Inhabis *Europe*, under heaps of looſe ſtones.
Donovan. iii, *tab.* 108. *fig.* 2. *tab.* 88. *fig.* 1.

Rupeſtris.

Rupestris. Hairy, black: tail reddish: wings blackish.
Inhabits *Germany*. *Tail* paler than the last.

**Sylvarum.* Hairy, pale with a black band on the thorax: hind-part of the abdomen black, tail rufous.
Inhabits woods of *Europe*.
Head and *antennae* black, front yellow: *legs* black.

Bryorum. Hairy, yellow: abdomen greenish.
Inhabits *New Holland*. In the museum of Sir *Jos. Banks*.
Large. *Legs* yellow, thighs black.

Saxatilis. Hairy, black: thorax fulvous; tail white.
Inhabits *Lapland*. *Ap. rupestris. Fabric. App. p.* 460.
Head black, crown a little ferruginous.

Italica. Hairy, fulvous: head and legs black.
Inhabits *Italy*. *Body* beneath black.

* *Muscorum* Hairy, fulvous: abdomen yellow.
Reaum. Ins. 6. *tab.* 2. *fig.* 3, 4. *Schaeff. Icon. tab.* 69. *fig.* 8.
Inhabits *Europe*, in meadows where it forms a nest of moss.

* *Hypnorum* Hairy, fulvous: abdomen with a black band, tail white.
Inhabits *Europe*. *Reaum. Ins.* 6 *tab.* 4. *fig.* 1.

Sibirica. Hairy, yellow: thorax with a fulvous band: tail fulvous.
Inhabits *Siberia*. In the museum of Sir *Jos. Banks*.

Pratorum. Hairy, yellow: thorax with a black band.
Inhabits *Denmark* and *Siberia*. *Legs* black.

* *Lucorum.* Hairy, yellow: tail whitish.
Inhabits woods of *Northern Europe*.

* *Acervorum.* Hairy, black: hind-shanks ferruginous.
Inhabits *Europe*. *Donovan*, iii. *tab.* 108. *fig.* 2.

* *Subterranea.* Hairy, black: tail brown.
Inhabits *Europe*. Builds its nest under the earth.

Parietina. Hairy, black: third and fourth segments of the abdomen greyish.
Inhabits *Germany*. *Tarsi* ferruginous with black rings.

Minorum.

Muiorum. Hairy, black: ſcutel and abdomen paliſh, tail rufous.
Inhabits *Kiel:* leſs than the laſt.

Braſilianorum. Hairy, dull rufous: thighs black at the baſe.
Inhabits *America.*
Antennae above brown, beneath teſtaceous: *abdomen* with darker bands above and yellow ones beneath.

Fluans. Hairy, blueiſh-black: thorax yellow above.
Inhabits *America. Degeer. Inſ. 3. tab. 28. fig. 7.*
Abdomen black with a violet gloſs: *wings* blue.
2. *Thorax* entirely white hairy. Inhabits *China.*

Tropica. Hairy, black: abdomen yellow behind.
Inhabits near the Line.

Autumnalis Hairy, thorax grey with a black band: abdomen black with a grey baſe, tail white.
Inhabits *Germany*; half the ſize of Ap. ruderata.
Abdomen beneath white hairy: *tarſi* piceous.

Senilis. Entirely covered with cinereous hair.
Inhabits woods of *Denmark.*

Veterana. Hairy, cinereous: thorax with a black band.
Inhabits *Kiel. Tarſi* teſtaceous.

Pygmæa. Hairy; thorax fulvous: abdomen whitiſh.
Inhabits *Kiel.* very ſmall.

Seminuda. Thorax hairy black, the fore-part yellow: abdomen black naked with an interrupted hairy band.
Inhabits *Germany.*

Lagopoda. Grey; fore-legs dilated and fringed, hind-ſhanks clavate tail emarginate.
Inhabits *Europe. Sulz. Hiſt Inſ. tab. 27. fig. 17.*

Hirtipes. Nearly naked, black: hind-ſhanks with thick yellow hair.
Inhabits *Surinam*; large.
Sides of the *abdomen* with a fulvous dot beneath: *wings* violet.

Purpuraſcens. Nearly naked, violet: abdomen ferruginous at the baſe.
Inhabits——In the *Britiſh Muſeum.*
Thorax reddiſh under the ſcutel: *abdomen* ovate.

Amethyſ-

Amethyſtina Nearly naked; black: wings violet.
Inhabits *East India* and *Italy*; ſmall.

Amalthea. Nearly naked, black: wings blue tipt with brown; hind-legs long and larger than the abdomen.
Inhabits *Cayenne*; very ſmall.

Muſſitans. Blue-black hairy: abdomen fulvous with a coppery ſhade, the firſt ſegment black.
Inhabits *Cayenne.*
Head blue: *antennæ* black: *thorax* blue with thick ſhort hairs: *wings* ſubferruginous, the tip whitiſh.

**Pilipes.* Grey; middle legs with tufted hairs.
Inhabits *England. Pall. Spic. Zool.* 9. *tab.* 1. *fig.* 14.

Plumipes. Thorax fulvous: abdomen black with a fulvous tip: hind-ſhanks compreſſed dilated hairy black.
Inhabits *India.* In the muſeum of Sir *Joſ. Banks.*
Antennae black: *lip* yellow: *front* black with a yellow line: ſides of the *abdomen* ſpotted with white: *fore legs* white villous, the others black.

Armata. Black; abdomen braſſy-green: hind-ſhanks very hairy: thorax 2-ſpined each ſide.
Inhabits *Surinam*; large.
Head black with 4 yellow dots on the lip.

**Cunicularia.* Pubeſcent; thorax ferruginous: abdomen brown: legs covered with thick hair.
Inhabits *Europe*, in gravelly banks.

**Mellifica.* Pubeſcent; thorax greyiſh: abdomen brown, hind-ſhanks ciliate and tranſverſely ſtriate within. *Common Bee.*
Male. *Reaum. Inſ.* 5. *tab.* 21, 23. *tab.* 22. *fig.* 2.
Female. *Reaum. Inſ.* 5. *tab.* 22. *fig.* 3.
Neuter. *Reaum. Inſ.* 5. *tab.* 22. *fig.* 1.
Inhabits *Europe*, in hollow trees but is chiefly kept in hives.
This well known and buſy inſect lives among large ſocieties, compoſed of *males* or drones, *females* or queens, and *neuters* or working bees. The *Drone* has no ſting, nor are its feet or proboſcis adapted for collecting honey or wax, but it leads a life of idleneſs and gluttony. The *Queen* has very ſhort wings and is larger than the others: after having deſtroyed all the reſt of the females which are in the larva or pupa ſtate, ſhe remains under the care and protection of the working-bees who feed her and follow her wherever ſhe goes. She lays from 3 to 4000 eggs in the ſpace of about 2 months which ſhe depoſits

depoſits in cells adapted to their ſeveral kinds. When the bees are too numerous for their accommodation in the hive, the Queen becomes agitated and communicates this agitation to her ſubjects; ſhe then ruſhes out, followed by a multitude of working bees who ſwarm round her, and when ſhe is fatigued and ſettled on any place, they cling round her and guard her with the greateſt care. After this ſwarm is departed, another Queen newly transformed from the pupa ſtate, is ſet at liberty, and ſoon migrates with a freſh ſwarm. This is repeated 4 and ſometimes 5 times in the ſummer, till the hive becomes weakened, and then the remaining Queens fight among themſelves till only one is left. The *working bees* are extremely numerous, and to their induſtry is committed the formation of the cells, the collection of the wax and honey, and the care of providing and adminiſtering food to the Queen the males and the unhatched worms. From the nectar of flowers they procure honey, and from the pollen or duſt which covers the ſtamina of many vegetables they gather wax. This laſt is brought home in an unwrought ſtate, in hollows under the thighs, and after being eaten and macerated in the ſtomach, is diſcharged in ſmall parcels, and moulded by the jaws into perfect wax. They defend the entrance of the hive againſt all intruders with the moſt determined reſolution, and keep in imprisonment and under guard the young Queens, till the old one has diſappeared with a ſwarm. If by any accident their Queen has been deſtroyed or loſt, they become inactive and ſtupid, and readily adopt any other that may accidentally preſent herſelf; or enlarge ſeveral of the cells containing the eggs of working bees, and give the larvæ iſſuing from them more abundant nouriſhment and of a different quality, by which when they change to flies they become Queens. It is likewiſe the office of the working bees to deſtroy all the males, when they become uſeleſs; which is done by ſuddenly attacking them in the autumn with their ſtings, and caſting out their dead bodies. A few females of each hive live through the winter, and lay the foundation of other ſocieties.

The *antennae* of the female has 10 articulations, of the males 11, and of the working-bees 15.

Cayana. Black; firſt ſegment of the abdomen on the upper-part and 2 ſtreaks behind whitiſh: hind-ſhanks compreſſed.

Inhabits *China*, half the ſize of the laſt.

Head black with cinereous down: *antennae* black, the firſt joint ferruginous at the baſe: *ſcutel* ferruginous: *abdomen* beneath whitiſh.

Guinecnſis. Hairy; crown cinereous: abdomen rufous.

Inhabits *Guinea*; larger than Ap. mellifica.

Antennae black: *head* blackiſh: *thorax* with cinereous hair, immaculate; *legs* blackiſh.

Disjuncta. Black; hind-part of the thorax and fore-part of the abdomen covered with yellow down: wings brown.
Inhabits *American Islands*: size of Ap. mellifica.
Abdomen blue, the first segment covered with yellow down: *legs* black.

Rufipes. Black; hind-part of the thorax and fore-part of the abdomen covered with ferruginous down: wings testaceous tipt with brown.
Inhabits *Africa*; large. Museum of Sir *Jos. Banks*.
First segments of the *abdomen* and edge of the second covered with ferruginous down: *legs* ferruginous.

Thoracica. Black: thorax rufous: wings tipt with brown.
Inhabits *Denmark*; size of Ap. cunicularia.

Dorsata. Hairy-black: hind-part of the thorax and back of the abdomen testaceous.
Inhabits *East India*:
Tongue testaceous: *tail* black: *hind-shanks* compressed.

Vestita. Black: back of the thorax and abdomen covered with ferruginous hair.
Inhabits *France*; size of Ap. thoracica.
Abdomen beneath black: *wings* white: *legs* black.

Flavifrons. Thorax hairy whitish with a black band: abdomen blueish, the tail cinereous.
Inhabits *Brasil*. In the museum of Sir *Jos. Banks*.
Antennae black, the first joint yellow beneath: *front* yellow: *tongue* ferruginous: first segment of the *abdomen* with a ferruginous streak: *fore-shanks* with a yellow line, the rest with a yellow streak.

**Cineraria.* Black; thorax hairy whitish with a black band: abdomen blueish.
Inhabits *Europe*. *Schæff. Icon. tab.* 22. *fig.* 5, 6.

Acarensis. Black, villous; thorax yellow above: tail white.
Inhabits *Guinea*. *Lip* whitish: *hind-thighs* compressed.

Analis. Thorax villous cinereous: abdomen blueish, tail black.
Inhabits *America*; twice the size of Ap. mellifica.
Front yellow: *antennae* black: *legs* blueish.

Haemorrhoa Thorax villous ferruginous: abdomen black with glaucous spots on the sides, tail ferruginous.
Inhabits

Inhabits *Germany*.
Front with grey down: *hind-ſhanks* with rufous hair.

Barbara. Villous, black: tail brown: hind-ſhanks with thick rufous hair.
Inhabits *Barbary*; ſmall.

Nidulens. Cinereous downy; abdomen black, the ſegments edged with white: front yellow.
Inhabits *France*; builds under the earth.
Antennae black: *lip* yellow with 2 black dots: *legs* teſtaceous: *wings* whitiſh.

Maxicata Cinereous; abdomen black with yellow lateral ſpots; tail 5-toothed.
Inhabits *Europe*. *Schæff. Idon. tab.* 32. *fig.* 11, 12.

Florentina. Abdomen black with yellow lateral ſpots and very hairy beneath, the 3 laſt ſegments toothed each ſide
Inhabits *Southern Europe*; reſembles the laſt.
Lip yellow: *thorax* hairy: *abdomen* above black, the tail 3-toothed; *legs* yellow, thighs black.

Iridis. Thorax hairy ferruginous: abdomen black with 3 white interrupted bands: hind-tarſi angular dilated.
Inhabits *Ruſſia*, on the flowers of the Iris.
Mouth and *lip* yellow: firſt ſegment of the *abdomen* with ferruginous wool, 2, 3, 4. with a white band.

Cilicica. Thorax black immaculate: abdomen black with 6 tranſverſe rufous ſpots each ſide.
Inhabits flowers of *Barbary*.
Antennae ferruginous tipt with black; *head* black with a ferruginous hind-margin: *abdomen* very hairy beneath, tail entire: *legs* ferruginous, thighs black at the baſe.

Maculata. Black; thorax ſpotted: abdomen with 6 tranſverſe yellow ſpots each ſide, tail entire.
Inhabits *Italy*.
Head black with 2 yellow dots, mouth yellow; *thorax* with yellow lateral ſpots: *thighs* rufous, ſhanks above yellow beneath black.

Interrupta. Pubeſcent, black: abdomen with 5 yellow ſtreaks, the 2 firſt interrupted; tail 2-toothed.
Inhabits *Italy*; ſize of the laſt.
Lip and dot above the eyes yellow.

Variegata. Black; ſegments of the abdomen with 4 tranſverſe yellow ſpots.
Inhabits *Italy*.
Head brown; lip with a yellow ſpot each ſide and dot behind the eyes: *thorax* brown with a yellow marginal line and 2 ſcutellar dots: *abdomen* with rufous hairs beneath: *legs* yellow, thighs black above: *tail* entire.

Rotundata. Black; with cinereous hair: abdomen nearly globular, the ſegments edged with white.
Inhabits *Germany*.
Lip downy yelloviſh: *thorax* with grey hair.

Fulvipes. Varied with brown and ferruginous: abdomen yellow, the ſegments edged with black.
Inhabits *Spain*; ſize of Ap. variegata.
Head ferruginous, black between the antennæ, lip yellow: *antennæ* black: *thorax* black with a ferruginous margin: *abdomen* with a black dorſal line on the firſt and ſecond ſegments. *legs* ferruginous, thighs black at the baſe.

Globoſa. Black: abdomen ſubglobular with an oblique whitiſh ſtreak each ſide, the ſegments edged with whitiſh: hind-ſhanks very hairy.
Inhabits *South American Iſlands*.
Antennæ black, ſubferruginous at the tip: *orbits* grey: *thorax* covered here and there with cinereous down: *legs* black, tarſi reddiſh.

Ferruginea. Head and thorax black with ferruginous ſpots; abdomen and legs ferruginous.
Inhabits *Spain*; ſmall.
Mouth and hind-margin of the *head* ferruginous.

Tuberculata Thorax pubeſcent; abdomen black with a grey edge, tail fulvous.
Inhabits *Kiel*; leſs than Ap. manicata.
Mandibles ferruginous before the tip: *head* with a large ſharp raiſed tubercle under the throat; *thorax* fulvous: *legs* black with a fulvous fringe.

Fasciata. Above pale yellow with a black band at the baſe of the wings
Inhabits *Africa*.
Two firſt ſegments of the *abdomen* black with white ſides.

Bicornis

Bicornis Front 2-horned; head black: abdomen hairy rufous.
Inhabits *Northern Europe*

Turenſis. Black; thorax hairy rufous: edges of the abdominal ſegments with rufous fringe.
Inhabits *Barbary*; ſize of Ap. rufa.
Head brown with grey down: *antennae* black.

**Rufa.* Brown: abdomen reddiſh: front white.
Inhabits *Europe*. *Sulz. Hiſt. Inſ. tab. 27. fig. 15.*

Ruſipennis. Black; abdomen hairy ferruginous: wings teſtaceous with darker tips.
Inhabits *Santa Cruz*, in the hollow of trees.
Thorax villous, blackiſh before and ferruginous behind.

Lanata. Thorax ferruginous: abdomen black with white bands, beneath covered with ſnowy wool.
Inhabits *South American Iſlands*.
Two firſt ſegments of the *abdomen* hairy ferruginous, the reſt glabrous with white edges.

Bicolorata. Black; abdomen hairy, above fulvous beneath ſnowy.
Inhabits *India*. Muſeum of Sir *Joſ Banks*.
Thorax black with a white villous dot under the wings, behind covered with fulvous down.

Hirta. Cinereous hairy: ſegments of the abdomen edged with white.
Inhabits *Germany*; *Hind-tarſi* rufous.

Holoſericea Downy ferruginous: ſegments of the abdomen with fulvous fringe, beneath with fulvous wool.
Inhabits *South American Iſlands*.
Front fulvous with a black ſpot in the middle: *thorax* black on the back with a ſtreak of 4 fulvous dots between the wings: *legs* black, ſhanks teſtaceous.

Villoſa. Black; thorax and abdomen cinereous hairy, the latter covered with black wool beneath.
Inhabits *India*; ſize of Ap. centuncularis.
Thorax black with cinereous wool at the baſe; firſt ſegment of the *abdomen* with grey hair: *wings* brown.

Rubeſcens. Covered entirely with cinereous pubeſcence.
Inhabits *Italy*.
Segments of the *abdomen* paler at the edges.

Argentata

Argentata. Downy cinereous : abdomen black, the eges of the segments white, beneath with silvery hair.
Inhabits *Barbary* ; small,

Mystacea. Black ; abdomen entirely ferruginous.
Inhabits *New Holland.* Museum of Sir *Jos. Banks.*
Head, thorax and *legs* villous black : *wings* brown.

**Centuncularis.* Black ; abdomen covered beneath with fulvous hair.
Donovan. iv. *tab.* 120. *Reaum. Inf.* 6. *tab.* 16. *fig.* 3. 4.
Inhabits *Europe,* and forms its nest in the body of oak and other timber trees, which it bores into, and after removing the dust and making the cavity perfectly smooth, curiously lines it with rose-leaves : it then deposits its eggs, each in a separate cell, and leaving a sufficient quantity of proper food for the larvæ, closes up the entrance with rose-leaves, cemented by a kind of glue or paste. The larva, after having consumed all its provisions, eats its way out and soon becomes a perfect insect.

**Punctata.* Black with cinereous down ; abdomen deep black, the segments with a white dot each side.
Inhabits *England.*
Abdomen short glossy-black, the first and second segment with a tuft of whitish hairs each side, 3. 4, 5, with a white dot each side, the last immaculate : *legs* black, shanks with cinereous rings.

Lucluosa. Head thorax and first segment of the abdomen cinereous downy : hind-shanks compressed.
Inhabits *East India.*
Head whitish before and black behind, lip black : *wings* whitish.

Bicincta. Villous cinereous : abdomen black with 2 approximate whitish bands near the tip.
Inhabits *East India.*
Lip yellow, with a black spot above in which is a yellow line : *abdomen* with marginal white dots : *legs* black, the hind-ones compressed : *wings* whitish.

Grisea. Villous cinereous : abdomen black with 4 white bands, the 2 first interrupted.
Inhabits *Italy. Fabric.* iv. *Append. p.* 460.
Legs cinereous hairy, hind-shanks with rufous hair.

Cincta. Thorax villous cinereous : abdomen brown, the edges of the segments fulvous.
Inhabits

Inhabits *Africa*. Muſeum of Sir *Joſ. Banks*.
Abdomen beneath covered with fulvous down: *legs* and *wings* brown.

Muſciformis Black; abdomen ſhining grey.
Inhabits *Guinea*. *Body* thick, reſembling an Œſtrus.
Legs black, hind-ſhanks dilated: *wings* hyaline.

Bombylans. Shining blue: abdomen bronzed.
Inhabits *New Holland*. In the muſeum of Sir *Joſ. Banks*.
Tail with a few white hairs: *wings* and *legs* blue.

Muſcaria. Blueiſh: tail whitiſh.
Inhabits *New Holland* In the muſeum of Sir *Joſ. Banks*.
Antennae black, the tip brown beneath: *head* black with a yellow front: *thorax* with cinereous down: *wings* hyaline.

Hæmorrhoidalis. Black: abdomen rufous-bronze with a red tail.
Inhabits *South American Iſlands*.
Antennae black, the firſt joint yellow beneath: *lip* yellow: *front* black with yellow dots.

Bucephala. Black; head yellow: ſegments of the abdomen edged with rufous above and white beneath.
Inhabits *Guinea*; ſmall.
Head villous yellowiſh: *antennae* black: *thorax* black with white down: *legs* black with white down: *wings* whitiſh

Dentata. Shining green: wings black: hind-thighs toothed.
Inhabits *American Iſlands*. *Sulz. Hiſt. Inſ. tab.* 17. *fig.* 16.
Body entirely green-broze: *tongue* very long.

Cordata. Shining green: wings hyaline: abdomen heart-ſhaped: hind-ſhanks dilated.
Inhabits *Surinam*. *Degeer. Inſ.* 3. *tab.* 28. *fig.* 5.

Graſſipes Brown; abdomen ſhort: hind-ſhanks compreſſed elevate and larger than the abdomen.
Inhabits *South American Iſlands*.
Firſt ſegment of the *abdomen* piceous: *wings* whitiſh.

Verſicolor. Thorax hairy greyiſh: abdomen blue with a reddiſh tail.
Inhabits *South American Iſlands*.
Lip yellowiſh: *hind ſhanks* woolly.

4-dentata. Brown: abdomen with 5 white bels; tail 4-toothed, the middle teeth bifid.
Inhabits *Europe*. *Swammerdam Bibl. Nat. tab.* 26. *fig.* 4.

Lunifes.

Lanipes. Thorax cinereous : abdomen rufous : hind-legs very hairy.
Inhabits *South American Iſlands.*
Lip yellow with a cup-ſhaped black ſpot.

Cæcutiens. Brown : abdomen glabrous ferruginous and ſpotted with black each ſide.
Inhabits *Germany.* *Eyes* white dotted with black.

Tridentata Scutel 3-toothed ; abdomen conic very acute, the ſegments edged with white.
Inhabits *South American Iſlands.*

**Conica.* Brown ; abdomen conic very acute, the ſegments edged with white.
Inhabits *Europe.* *Reaum Inſ.* 6 *tab.* 11. *fig.* 2. 3. 4.
2 Wings blue. Inhabits *New Holland.*

Semicincta. Black ; abdomen with white marginal ſpots, rufous beneath: tail 2-toothed.
Inhabits *New South Wales.*
Head covered with cinereous down : *wings* whitiſh.

Florea. Grey villous :abdomen glabrous, rufous tipt with black.
Inhabits *Eaſt India.* *Hind-ſhanks* compreſſed.

Spinipes. Black ; hind-ſhanks compreſſed ſerrate yellow.
Inhabits *New South Wales* ; ſmall.
Abdomen a little reddiſh above : *wings* duſky.

Labiata. Black : abdomen rufous tipt with black : lip projecting reflected and ſlightly horned.
Inhabits —— Size of Ap. florea.
Lip yellowiſh : *legs* black tipt with yellow.

Seladonia. Hairy; greeniſh : ſegments of the abdomen edged with white.
Inhabits *Italy*; ſize of Ap. bicincta.
Head and *thorax* greeniſh with grey down : *legs* grey, thighs white.

Viridula. Shining green : abdomen black, the ſegments edged with white.
Inhabits —— larger than the next.

Smaragdula

Thorax with a teſtaceous callous ſpot before the wings: *abdomen* pubeſcent: *wings* whitiſh: *legs* yellow, thighs black.

Smaragdula Green: abdomen with 4 black ſpots.
Inhabits *Tranquebar*.
Lip teſtaceous: the fourth and fifth ſegments of the *abdomen* with each 2 black ſpots.

Calloſa. Shining black-blue: lip and callous dot on the thorax each ſide before the wings white.
Inhabits *Italy*: ſmall. *Fabric App p.* 460.
Legs black fringed with pale hairs at the tip.

Minuta. Shining black with a white dot each ſide before the wings; hind-ſhanks white at the baſe.
Inhabits *Kiel*; very ſmall.
Abdomen ovate black, the tail greyiſh: *wings* white, upper-pair with a marginal black dot.

Pygmæa. Black with a green gloſs: abdomen white, the ſegments black at the baſe.
Inhabits *Italy* very minute. *Fabric. App.* 3. 461.
Antennæ above black, beneath whitiſh: *ſcutel* white with a black ſtreak in the middle: *legs* hairy white.

Mexicana. Black; wings blueiſh-black: abdomen with an obovate petiole.
Inhabits *America*; large.

Carbonaria Black; wings blueiſh-brown.
Inhabits *Africa*; ſize of a common bee.

Retuſa. Black; ſlightly hairy: abdomen retuſe at the baſe. hind-ſhanks woolly without
Inhabits *Europe*. *Fn. Suec.* 1689.

Barbaricæ Black; thorax with a rufous border.
Inhabits *Barbary*; ſize of a large ant.

Ferruginata. Black; glabrous: abdomen antennæ moth and legs ferruginous.
Inhabits *Europe*. *Thighs* black at the baſe.

Bipunctata Hairy, black: abdomen with 2 yellow belts, the firſt with 2 lateral black dots.
Inhabits *Siberia*. *Lepechin It.* 2. *tab.* 17. *fig.* 3.

Carioſa.

Carioſa. Brown: ſubvillous: front and legs yellow.
Inhabits *Europe*, in rotten wood. *Fn. Suec.* 1708.

Dimidiata. Hairy, black with 2 interrupted yellow bands on the back; wings reddiſh from the baſe to the middle, the lower half brown.
Inhabits *Siberia*. *Lepechin. It.* 1. *tab.* 17. *fig.* 10.

Alpina. Hairy; thorax black: abdomen pale yellow.
Inhabits the Alps of *Lapland*. *Fn. Suec.* 1719.

Leucorrhoua. Hairy: thorax pale yellow: abdomen black, the hind-part white.
Inhabits *Europe*. *Muſ. Lesk. p.* 78. *n.* 427.

Chalcoptera Hairy, yellowiſh: baſe of the antennæ yellow before: wings with a copper gloſs.
Inhabits out of *Europe* *Muſ. Lesk. p.* 78. *n.* 473.

Cyanoptera Hairy, black: wings violet with a broad brown hinder and thinner margin: ends of the legs beneath ferruginous.
Inhabits——*Muſ. Lesk. p.* 78. *n.* 474.

Nigrocapilla. Hairy, black: thorax grey before: legs glabrous, the ends ferruginous.
Inhabits *Europe*. *Muſ. Lesk. p.* 78. *n.* 475.

Griſea. Hairy, grey: front white: edges of the abdominal ſegments grey
Inhabits *Europe*. *Muſ. Leſk. p.* 79. *n.* 499.

Collina. Villous whitiſh: abdomen black with 3 whitiſh belts.
Inhabits *Carniola*. *Scopol, Ann. Hiſt.* 4. *p.* 12. *n.* 6.

Floralis. Rufous: abdomen with 4 or 5 black bands.
Inhabits *Europe*. *Scopol. Ann. Hiſt.* 4. *p.* 12. *n.* 7.

Muſciformis Black; proboſcis rufous: eyes yellow: wings violet-brown.
Inhabits *Cariniola*. *Scopol, Ann. Hist.* 4. *p.* 12. *n.* 8.

Luſticoſa. Hairy, black: thorax with a white ſpot each ſide, abdomen with 4.

Inhabits

Inhabits *Hungary*. *Scopol. Ann. Hist.* 4. *p.* 13. *n.* 9.
Snout ferruginous : *thorax* whitiſh before.

Degener. Hairy ; thorax rufous villous : abdomen with black bands : antennæ as long as the upper-wings.
Inhabits *Carniola*. *Scopol. Ann. Hist.* 4. *p.* 13. *n.* 10.

Veſpa. Hairy, rufous : front interrupted bands on the abdomen and legs yellow.
Inhabits *Hungary*. *Scopol. Ann. Hist.* 4. *p.* 14. *n.* 11.
Upper wings ſooty : *abdomen* ſhining, with 2 yellow ſpots at the baſe each ſide.

Agiliſſima. Black with whitiſh down : abdomen oblong lucid, the ſegments with paler edges
Inhabits *Hungary*. *Scopol. Ann. Hist.* 4. *p.* 14. *n.* 12.
Snout very long : *wings* with black veins.

Fuliginoſa Black ; ſubpubeſcent : abdomen round, the ſegments yellowiſh at the edges : wings ſooty.
Inhabits *Hungary*. *Scopol. Ann. Hist.* 4. *p.* 13. *n.* 13.

Argentis. Hairy, black ; thorax horny with a blackiſh band : abdomen ferruginous with a grey tail.
Inhabits *Auſtria*. *Schranch. Inſ. Aust. p.* 379. *n.* 800.
Head, *legs* before and *abdomen* beneath glabrous.

Fulva. Hairy, black : thorax and abdomen fulvous.
Inhabits *Auſtria*. *Schranch. Aust. p.* 400. *n.* 805.

Bryorum. Black : thorax and baſe of the abdomen fulvous hairy.
Inhabits *Auſtria*. *Schranch. Aust. p.* 402. *n.* 812.

Convexa. Black with rufous down : abdomen with hollow punctures.
Inhabits *Auſtria*. *Schranch. Aust. p.* 405. *n.* 817.
Front white villous : *upper-wings* ſooty,

Cetii. Black, villous : abdomen ferruginous, the tips of the ſegments yellow.
Inhabits near *Vienna*. *Schranch. Aust. p.* 405. *n.* 818.
Front covered with yellowiſh hairs.

Leucozonia Black, hairy : ſegments of the abdomen white at the baſe : legs reddiſh.
Inhabits *Auſtria*. *Schranch. Aust. p.* 406. *n.* 819.

Leucojtoma Black, downy: ſegments of the abdomen fringed with white: mouth and abdomen beneath white.
Inhabits *Auſtria*. *Schranch. Auſt. p.* 406. *n.* 820.

Hirta. Black, hairy: upper-wings violet-black: abdomen with a double yellow belt.
Inhabits *Auſtria*. *Schranch. Auſt. p.* 407. *n.* 822.
Body covered with impreſſed dots; *head* glabrous: *lower-wings* hyaline.

Biſcincta Black, villous: abdomen glabrous with 2 white belts: mouth white.
Inhabis *Auſtria*. *Schranch. Auſt. p.* 411. *n.* 827.

Hemiſpharica. Black with rufous hairs: abdomen hemiſpharical.
Inhabits *Austria*. *Schranch. Aust. p* 411. *n* 827.

Fulviventris. Black, ſlightly downy: abdomen ſhining, fulvous at the baſe and tipt with black.
Inhabits *Auſtria*. *Schranch. Inſ. Auſt. p.* 411. *n.* 828.
Front hoary: *mouth* and *ſhanks* yellow.

Noveboracenſis. Black, ſubvillous: wings blueiſh-black: ſecond and third ſegments of the abdomen with a yellow band.
Inhabits *New York*. *Drury. Inſ. tab.* 44. *fig.* 5. ♀.
Fore-ſhanks with an incurved ſpine: *hind-tarſi* with ferruginous ſpines.

* *Albifrons* Pubeſcent: abdomen dotted with white: thorax and ſhanks white.
Inhabits *England*. *Schaeff. Icon. tab.* 21. *fig.* 14.
Front truncate: *wings* hyaline with black veins.

Veſpariæ, Black: antennæ mouth jaws legs and wings ferruginous: thorax dotted with yellow: abdomen with 5 yellow bands, the firſt interrupted.
Schaeff. Icon. tab. 53. *fig.* 11. and *tab.* 81. *fig.* 7.
Inhabits *America* and *Germany*; ſize of Ap. mellifica.

Sericea, Head and thorax ſhining green; abdomen black with 5 yellow bands: legs yellow.
Inhabits *America*. *Forſt. Nov. Inſ.* 1. *p.* 91.
Lip and *jaws* yellow: *eyes* and *wings* brown.

Præcox, Black with rufous down: abdomen glabrous with 3 bands which are white above and rufous beneath.
Inhabits *Carniola*. *Scop. Ann. Hiſt.* 4. *p.* 15 *n.* 14.

Veſpoides.

Veſpoides Antennæ, mouth ſcutel and legs fulvous: abdomen with alternate black and yellow belts above.
Inhabits *Austria*. *Schranch. Aust. p.* 408, *a.* 823.

Sphegoides. Mouth yellow: antennæ and legs fulvous: abdomen teſtaceous with yellow belts.
Inhabits *Austria*. *Schranch. Aust. p.* 409. *n.* 824.

Minutior. Gloſſy-black: antennæ pale fulvous beneath.
Inhabits *Auſtria*. *Schranch. Auſt. p.* 412. *n.* 829.

Sanguinolenta. Black; thorax red.
Inhabits *Austria*. *Schranch. Aust. p.* 412. *n.* 830.

Leucepus Front and thorax whitiſh: ſcutel 2-toothed: abdomen black, the edges of the ſegments and legs white.
Inhabits out of *Europe*. *Muſ. Lesk. p.* 79. *n.* 489.

Leucomelas Grey; abdomen black, the ſecond ſegment with a white ſpot each ſide, 3, 4. and the tip edged with white.
Inhabits out of *Europe*. *Muſ. Leſk. p.* 79. *n.* 490.

Lutea. Yellowiſh grey: abdomen brown with a grey ſpot each ſide the third ſegment, the fourth with a whitiſh margin, the fifth fulvous.
Inhabits *Europe*. *Muſ. Leſk. p.* 79. *n.* 495.

Acuminata Grey; abdomen black with a pointed tip, each ſegment with a whitiſh grey ſpot each ſide.
Inhabits *Europe*. *Muſ. Lesk. p.* 79. *n.* 496.

Fasciventris Head black; thorax varied with yellow and grey: abdomen brown pubeſcent: hind-thighs with white down.
Inhabits *Europe*. *Muſ. Lesk. p.* 79. *n* 497.

Nigriventris. Grey; abdomen black behind
Inhabits *Europe*. *Muſ. Lesk p.* 79. *n.* 498.

Cinerascens Hairy, grey: front white: ſegments of the abdomen edged with grey.
Inhabits *Europe*. *Muſ. Leſk. p.* 79. *n.* 499.

Leſkii Grey, abdomen brown with grey down; front white.
Inhabits *Europe*. *Muſ. Leſk. p.* 79. *n.* 500.

Crocata.

Crocata. Front and jaws yellow: thorax pale yellow: abdomen brown pubescent, the last segments edged with grey.
Inhabits *Europe*. *Mus. Lesk. p.* 79. *n.* 501.

Lituratа. Yellowish-grey: front with a witish spot each side in which are 2 small white dots: abdomen brown, the segments edged with yellowish-grey.
Inhabits *Europe*. *Mus. Lesk. p.* 79. *n.* 505.

Nebulosa. Grey: abdomen brown with a ferruginous tip: shanks ferruginous
Inhabits *Europe*. *Mus. Lesk. p.* 80. *n.* 506.

Fulvipes. Grey; abdomen black, the segments 3, 4, 5. edged with white: legs fulvous woolly.
Inhabits *Europe*. *Mus. Lesk. p.* 80. *n.* 507.

Annulus. Grey, hairy: thorax black: abdomen with a black clouded band in the middle.
Inhabits *Europe*. *Mus. Lesk. p.* 80. *n.* 508.

Sordida. Yellowish-grey: abdomen brown, the edges of the segments grey.
Inhabits *Europe*. *Mus. Lesk. p.* 80. *n.* 511.

Lutescens. Black, cylindrical: front with grey pubescene: thorax legs and edges of the abdominal segments yellow.
Inhabits *Europe*. *Mus. Lesk. p.* 80. *n.* 512.

Armata. Brown; head and thorax grey: jaws armed with a tooth at the base: ends of the legs yellow.
Inhabits *Europe*. *Mus. Lesk. p.* 80. *n.* 514.

Denticulata Black; antennæ yellow towards the tip: hind-thighs armed with a tooth beneath.
Inhabits *Europe*. *Mus. Lesk. p.* 80. *n.* 515.

Rufescens. Black; abdomen and shanks rufous.
Inhabits *Europe*. *Mus. Lesk. p.* 80. *n.* 516.

Lutulenta. Grey-brown pubescent.
Inhabits *Europe*. *Mus. Lesk. p.* 80. *n.* 517.

Chrysostoma Black, front white: lip edged with yellow.
Inhabits *Europe*. *Mus. Lesk. p.* 80. *n.* 518.

Ochrocephala

Ochrocephala. Yellow; abdomen black, glabrous, the ſegments edged with whitiſh.
Inhabits *Europe*. *Muſ. Lesk. p.* 80. *n.* 519.

Urſina. Black; hind-legs fulvous and very hairy.
Inhabits *Europe*. *Muſ. Leſk, p.* 80. *n.* 520.

Nigricans. Black; thorax grey: ſegments of the abdomen edged with yellow grey.
Inhabits *Europe*. *Muſ. Lesk. p.* 80. *n.* 521.

Cana. Grey; ſegments of the abdomen edged with whitiſh.
Inhabits *Europe*. *Muſ Lesk. p.* 80. *n.* 522.

Triangulata. Black; front with a triangular white ſpot each ſide: abdomen ferruginous tipt with black: legs black, ſhanks whitiſh at the baſe.
Inhabits *Europe*. *Muſ. Lesk. p.* 80. *n.* 523.

Roſtrata. Black; ſnout incurved horny, projecting from a conic veſicle: inciſures of the abdomen with waved yellowiſh bands.
Inhabits *Siberia*. *Lepech. It.* 1. *tab.* 19. *fig.* 6.

Caneſcens. Hoary; ſnout incurved, horny, projecting from a conic veſicle: abdomen with darker blotches.
Inhabits *Siberia*. *Lepech. It.* 1. *tab.* 17. *fig.* 9.
Theſe 2 laſt are probably not of this genus.

E. *Tongue 7-cleft; lip 5-cleft.* Eucera.

* Longicornis. Antennæ as long as the body: body hairy and fulvous.
Inhabits *Europe*. *Swammerdam. Bibl. Nat. tab.* 26, *fig.* 6.
Firſt joint of the *antennæ* globular: *front* yellow.

Atricornis. Antennæ black, as long as the body: body hairy and ferruginous.
Inhabits *Barbary*; ſize of the laſt. *Lip* yellow.

* Tumulorum. Antennæ as long as the body which is hairy and black: mandibles yellow.
Inhabits *Europe*. *Donovan. Eng. Inſ.* v. *tab.* 151. *fig.* 2.

Glauca. Antennæ ferruginous, as long as the body which is hairy and glaucous.

Inhabits

Inhabits the *East*.
Two firſt ſegments of the *abdomen* with a black band.

Linguaria. Antennæ black, as long as the body: thorax cinereous: abdomen black.
Inhabits *Saxony*; ſize of Ap. longicornis.
Head black, *lip* yellow: *abdomen* black immaculate.

Griſeſcens. Antennæ black, as long as the body which is hairy and cinereous.
Inhabits *Barbary*; half the ſize of Ap. longicornis.

Antennata. Antennæ as long as the body: abdomen black with whitiſh ſtreaks.
Inhabits *Europe*; ſmall.
Lip with a 3-lobed yellow ſpot: *head* and *thorax* with cinereous hairs: *abdomen* glabrous, the edges of the ſegments fringed with white: *legs* teſtaceous.

Farfariſequa. Antennæ ſtraight, ſhorter than the body.
Inhabits *Carniola*. *Scop. Ann. Hiſt. Nat.* 4. *p.* 9. *n.* 2.

Curvicornis Blackiſh-grey: antennæ convolute, ſubclavate: abdomen roundiſh: margin of the wings black.
Inhabits *Carniola*. *Scop. Ann. Hiſt.* 4. *p.* 9. *n.* 3.

95. FORMICA. *Feelers* 4, unequal, with cylindrical articulations, placed at the tip of the lip which is cylindrical and nearly membranaceous: *antennæ* filiform: a ſmall erect *ſcale* between the thorax and abdomen: females and neuters armed with a concealed *ſting*: males and females with *wings*, neuters 0.

Ant or *Emmet*.

This is a gregarious and proverbially induſtrious family, conſiſting like bees, of males, females and neuters. Theſe laſt are the well known little inſects, who conſtruct the neſts or ant-hills, who labour with ſuch unremitting aſſiduity for the ſupport of themſelves and the idle males and females, and who guard with ſuch ferocity the larvæ or what are commonly called ants

ant's eggs. They wander about all day in ſearch of food or materials for the neſt, and aſſiſt each other in bringing home what is too cumberſome for ſuch as have attempted it. They every day bring out of the neſt and expoſe to the warmth of the ſun, the newly hatched larvæ, and feed them till they are able to provide for themſelves. In the evening they conſume together whatever has been collected during the day, and do not, as is commonly ſuppoſed, lay up any ſtore for the winter, but probably become torpid or die. They are peculiarly covetous of plant-lice, and are themſelves eagerly ſought after by the ant-eater and various birds. A very grateful acid is procured from them by diſtillation.

*Herculanea. Black; abdomen ovate: legs ferruginous.
Inhabits *Europe*, in the trunks of decayed trees.

Compreſſa. Black; thorax compreſſed: tip of the antennæ and thighs rufous: head very large.
Inhabits *Tranquebar*.
Abdomen ovate, the ſcale entire: *thorax* immaculate.

Smaragdina. Green; thorax with yellow lines.
Inhabits *India*; large.
Antennæ a little reddiſh at the tip: *ſcale* of the petiole ſhort emarginate: *wings* large white with ferruginous nerves.

Rufipes. Hairy, black: legs rufous.
Inhabits *Braſil*. In the muſeum of Sir *Joſ. Banks*.
Head large ovate, rough with ferruginous hairs: *antennæ* brown at the tip: *ſcale* of the petiole ovate obtuſe.

Bicolor. Black; ſcutel abdomen and legs ferruginous.
Inhabits *Barbary*; large.
Antennæ rufous tipt with black: *mandibles* ferruginous, 1-toothed at the tip: *head* blackiſh, tip of the lip and front ferruginous: *ſcale* of the petiole ſhort rounded: *wings* hyaline with a ferruginous coſtal ſpot.

Erythrocephala. Black; head rufous: ſcale of the petiole double.
Inhabits *New Holland*. In the muſeum of Sir *Joſ. Banks*.
Head large oblong. *antennæ* rufous: *thorax* filiform; *legs* black, the ends rufous.

Didyma. Black; abdomen greyiſh: ſcale of the petiole double.
Inhabits *Italy*; ſize of F. ruſa.
Antennæ piceous: *thorax* gibbous: *abdomen* covered with cinereous down: *ſcale* double, or widely emarginate: *legs* black, ſhanks piceous.

* *Rufa.* Black; thorax compreſſed, and with the legs ferruginous.
Inhabits *Europe*. *Degeer. Inſ.* 2. *tab.* 41. *fig.* 1, 2.

Pubeſcens. Black; abdomen pubeſcent.
Inhabits *Hungary*; ſize of F. rufa.

* *Nigra.* Gloſſy-black; tail piceous.
Inhabits *Europe*. *Degeer. Inſ.* 2. *tab.* 42. *fig.* 16.

* *Fuſca.* Greyiſh-brown poliſhed: antennæ and legs ferruginous: wings white.
Inhabits *Europe*. *Degeer. Inſ.* 2, *tab.* 42. *fig.* 18.

Flaveſcens. Yellowiſh; abdomen darker with a black dorſal line.
Inhabits *Cayenne*. Scale of the petiole entire.

Melanocephala. Pale: head and back of the thorax black.
Inhabits *Cayenne*, where it is a moſt calamitous peſt, conſuming and deſtroying every kind of proviſion.

* *Rubra.* Teſtaceous; eyes and dot under the abdomen black.
Inhabits *Europe*. *Degeer. Inſ.* 2. *tab.* 43. *fig.* 1.

Cinereſcens. Black; head rufous: abdomen greyiſh.
Inhabits *Tranquebar*; large.
Head rufous, mandibles and antennæ black: *abdomen* ovate greeniſh-grey with a black angle behind the middle: *wings* duſky.

Elongata. Oblong, rufous: abdomen and legs paler,
Inhabits *Tranquebar*, and is very fierce.
Head large, mandibles black: *thorax* long compreſſed: *ſcale* forming an ovate ſtud in the middle of the petiole.

6-*guttata.* Oblong, black: abdomen with 3 white dots each ſide: antennæ and legs rufous.
Inhabits *Santa Cruz*.
Mouth rufous: *ſcale* ovate obtuſe entire: *wings* whitiſh with a marginal black ſpot.

Fœtens. Oblong, black: tail rufous: ſcale of the petiole ſubcylindrical and obtuſe.
Inhabits *Guinea*; is ſolitary, has a very diſagreeable ſmell and preys on other Ants. Large.

Head

Head large ovate, mandibles as long as the head: *scale* of the petiole elevated obtuse.

Albipennis. Oblong, pale: thorax black behind: abdomen reddish.
Inhabits *Santa Cruz.*
Scutel white: *scale* of the petiole ovate gibbous: *wings* white with a black marginal dot.

Rufibarbis. Oblong, black: mouth and thorax rufous.
Inhabits *France.* Scale of the petiole ovate obtuse.

Obsoleta. Above black, beneath red-testaceous: abdomen subglobular.
Inhabits *Europe*; less than F. rufa.

4-punctata. Thorax compressed ferruginous: abdomen black with 4 snowy dots.
Inhabits *Alsace.*
Head black: *antennae* ferruginous: *scale* of the petiole short obtuse: *legs* ferruginous, thighs black.

Virescens. Pale; head and abdomen greenish.
Inhabits *New Holland.* In the museum of Sir *Jos. Banks.*
Petiole of the abdomen long, with a small raised tubercle.

Sacchari-vora. Black; antennæ mandibles and legs rufous.
Inhabits *American Islands*; forms its nest in the sugar cane, to which it is very destructive.

Maculata. Black; hind-part of the thorax and thighs ferruginous: abdomen with pale spots at the sides.
Inhabits *Africa.* In the museum of Sir *Jos. Banks.*
Head large, mandibles with many teeth: *antennae* piceous at the tip: *abdomen* ovate hairy.

Barbara. Black; head antennæ and ends of the legs ferruginous.
Inhabits *Africa.*

Viatica. Ferruginous; abdomen ovate black.
Inhabits *Spain*, in high-ways and paths.
Mandibles blackish at the tip: *thorax* compressed ferruginous, with a single tubercle: *hind-legs* very long with brown shanks.

Pallipes. Glossy-black: antennæ and legs whitish.
Inhabits *Cayenne*; small.

Head ſmall rounded : *thorax* gibbous : *ſcales* of the petiole truncate and nearly emarginate : *wings* white.

Ægyptiaca Black ; thorax rufous, 2-toothed behind : petiole with 2 tubercles.
Inhabits *Egypt* ; ſmall.
Head large crown : *antennæ* ferruginous : *thorax* compreſſed : *legs* ferruginous with ſubclavate thighs.

Antiguenſis Teſtaceous ; abdomen tipt with black, the petiole with 2 tubercles.
Inhabits *Antigua*. In the muſeum of Sir *Joſ. Banks*.

Guineenſis. Ferruginous : abdomen black : legs yellowiſh.
Inhabits *Guinea* ; very ſmall.

Binodis. Black : head very large and rufous : petiole of the abdomen with 2 tubercles.
Inhabits *Egypt*.
Legs rufous, thighs ferruginous.

Omnivora. Thorax rough with raiſed dots : petiole with 2 tubercles : body teſtaceous : abdomen very minute.
Inhabits *Surinam*. *Degeer. Inſ tab.* 31. *fig.* 23, 24.

Flava. Yellow ; abdomen ovate pubeſcent.
Inhabits *Europe*. *Degeer. Inſ.* 3. *tab.* 42. *fig.* 24—28.

**Caeſpitum* Black : petiole of the abdomen with 2 tubercles : ſcales 2-toothed.
Degeer Inſ 2. *tab.* 43. *fig.* 21, 22.
Sulz. Hiſt. Inſ. tab. 17. *fig.* 20. 21, 22.
Inhabits *Europe*, in dry meadows under Moſs : the males and females fly abroad in large ſwarms, in a ſerene day, like the Day-fly.

Tuberum. Rufous ; head black : abdomen with a black band, the petiole with 2 tubercles.
Inhabits *Sweden* : leſs than the laſt.
Antennæ tipt with black : *thorax* 2-toothed behind.

Vagans. Rufous : head and back of the abdomen brown : thorax ſpined behind : petiole with 2 tubercles.
Inhabits *Saxony* : twice as large as the laſt.
Head globular : *antennæ* ferruginous.

Acervorum

Acervorum Rufous; head and abdomen black: thorax 2 ſpined behind: petiole with 2 protuberances.
Inhabits *Denmark*; reſembles the laſt.
Antennæ and *mandibles* rufous: *legs* ferruginous.

Uniſpinoſa. Black; antennæ and legs rufous: ſcale of the petiole 1-ſpined: mandibles projecting parallel.
Inhabits *Guadelope*. *Body* elongated.
Head large channelled on the fore-part: *abdomen* ovate black: *legs* red.

Groſſa. Blackiſh: thorax 2-toothed under the ſcutel; abdomen large globular.
Inhabits *Cayenne*; large.
Antennae piceous, the tip grey: *head* piceous ſubſpinous each ſide: *wings* ferruginous: *legs* piceous.

Auſtralis. Black; thorax unarmed: ſcale of the petiole 2-ſpined.
Inhabits *New Holland*. Muſeum of Sir *Joſ. Banks*.
Body entirely covered with cinereous down.

Bidens. Thorax with a 2-toohed tubercle: head ovate; antennæ ferruginous, the firſt joint black.
Inhabits *Surinam*. *Degeer. Inſ.* 3. *tab.* 31, *fig.* 1. 2.

Biſcutata. Thorax 2 toothed: ſcale of the petiole double.
Inhabits *Cayenne*.
Head piceous, pointed behind each ſide: *abdomen* globular piceous with a black dorſal line: *wings* ſubferruginous.

Clavata. Black; thorax 2-toothed: petiole 1-toothed beneath.
Inhabits *India*; large.
Thorax gibbous, the petiole with a large tubercle and under this a ſtrong ſpine: *abdomen* ovate, the firſt ſegment globular.

Attelaboides Black; thorax 2-ſpined; head tapering behind: legs ferruginous.
Inhabits *Braſil*. Muſeum or Sir *Joſ. Banks*.
Head rough black: *thorax* ſlender black, behind ferruginous with 2 ſtrong incurved ſpines: *abdomen* brown pubeſcent.

Arenaria. Thorax impreſſed behind and 2-toothed: body black; ends of the legs piceous.
Inhabits *Barbary*, in moveable ſands.
Head large ovate; *thorax* compreſſed, the petiole with 2 tubercles: *abdomen* ſubglobular pubeſcent.

Megaſe-

Megacephala. Thorax 2-ſpined behind ferruginous: abdomen black: head very large.
Inhabits the Iſle of *France*; ſmall.
Head ovate, larger than the whole body: *antennæ* ferruginous: *petiole* with 2 tubercles, ferruginous: *legs* ferruginous.

Ammon. Thorax 2-ſpined: petiole of the abdomen with 2 incurved ſpines.
Inhabits *New Holland*. In the muſeum of Sir *Joſ. Banks*.
Head ſmall ovate, *thorax* black, with gold down on the back: *abdomen* roundiſh black, with gold down: *legs* black.

Bihamata. Thorax 4-ſpined: petiole of the abdomen with 2 curved ſpines.
Inhabits *India*. *Drury. Inſ. 2. tab. 38. fig 7, 8.*
Head ſmall round: *antennæ* long: *thorax* ferruginous with a ſpine each ſide before, 2 in the middle and 2 tubercles behind: *ſcale* of the petiole cilyndrical and ferruginous at the baſe, and divided beyond the middle into 2 ſharp ſpines: *abdomen* ſubglobular black, the baſe ferruginous: *legs* long black, thighs ferruginous.

Militaris. Thorax 2-ſpined before: ſcale of the petiole 4-ſpined.
Inhabits *Africa*. In the muſeum of Sir *Joſ. Banks*.
Head large gibbous black, carinate each ſide between the antennæ: *abdomen* globular black pubeſcent: *wings* brown.

4-dens. Thorax 4-toothed; body black: head with a double carinate ridge.
Inhabits *Cayenne*.
Head ovate black: *thorax* with 2 ſhort ſpines before and 2 behind: *ſcale* of the petiole ovate thick obtuſe: *abdomen* ovate.

Cephalotes. Thorax 4-ſpined: head large double and armed with a ſpine each ſide behind.
Inhabits *South America*. *Degeer, Inſ. 3. tab. 31. fig. 17.*

6-dens. Thorax 6-ſpined: head very large double and armed with a ſpine each ſide behind.
Inhabits *America*. *Degeer. Inſ. 3. tab. 37. fig. 14.*

Atrata. Thorax 4-ſpined: body black: head depreſſed margined and 2 ſpined behind.
Inhabits *South America*. *Degeer. Inſ. 3. tab. 31. fig. 17.*

Guloſa. Rufous; abdomen tipt with black, the firſt ſegment contracted, mandibles projecting.
Inhabits

Inhabits *New Holland*. Muſeum of Sir *Joſ. Banks*.
Head ovate, *mandibles* long pale *thorax* unarmed, compreſſed in the middle : *petiole* long, with a round tubercle.

Perfidata. Brown : abdomen pubeſcent black, the firſt ſegment contracted : mandibles projecting.
Inhabits *New Holland*. In the muſeum of Sir *Joſ. Banks*
Head large flat ruſty-brown, the mandibles forked and toothed within : *thorax* compreſſed in the middle ; *petiole* with a globular tubercle : *legs* dull ferruginous.

Roſtrata. Thorax compreſſed, 3-toothed before : mandibles projecting incurved.
Inhabits *Cayenne* ; ſmall.
Head black : *abdomen* ovate pubeſcent.

Hamata. Ferruginous ; head very large pale, the mandibles projecting and hooked.
Inhabits *Cayenne*.
Head with a ſmall conic ſpine at the baſe each ſide : *mandibles* longer than the head, black and hooked at the tip, the baſe ferruginous : *petiole* with 2 tubercles.

Hæmatoda Scale of the petiole conic and very acute : head nearly double, the mandibles projecting.
Inhabits *America*. *Degeer. Inſ.* 3. *tab.* 31. *fig.* 3.
Mandibles dull rufous, without teeth : *head* reddiſh : *thorax* unarmed black : *wings* hyaline.

Maxilloſa. Thorax 6-toothed : head yellowiſh, the mandibles as long as the head.
Inhabits *India*.
Head large : *abdomen* brown.

Pharonis. Rufous : abdomen browniſh.
Inhabits *Egypt*; very minute. *Muſ. Lud. Ulr.* 418.

Salomonis. Red ; abdomen black ſubvillous.
Inhabits *Egypt* and *Arabia*. *Muſ. Lud. Ulr.* 418.

Fœtida. Petiole with a tranſverſely compreſſed tubercle : firſt ſegment of the abdomen contracted : mandibles projecting.
Inhabits *America*.
Head black with 3 raiſed dots : *abdomen* and *legs* hairy,

Vaga,

Vaga. Black : abdomen ovate hairy.
Inhabits *Auſtria*. *Schranch. Inſ. Auſt. p.* 414. *n.* 835.
Lives in decayed trees and under rotten bark, and grooves out the wood in various directions.

Venoſa. Head and thorax black : abdomen cylindrical brown : ſcale of the petiole thick entire : legs teſtaceous : wings white with teſtaceous veins and a brown marginal ſpot.
Inhabits ——*Muſ. Lesk. p.* 81. *n.* 533.

Melanopis. Rufous ; eyes black : abdomen brown on the back ; ſcale of the petiole entire.
Inhabits *Europe*. *Muſ. Lusk. p.* 81. *n.* 534.

Glabra. Black ; glabrous ; ſcale of the petiole 2-toothed : inciſures of the abdomen whitiſh : legs rufous.
Inhabits *Europe*. *Muſ. Lesk. p.* 81. *n.* 536.

Teſtacea. Teſtaceous-brown ſubpubeſcent ; antennæ and legs brown : wings white with a ferruginous baſe.
Inhabits *Europe*, *Muſ. Lesk. p.* 81. *n.* 537.

Fuſceſcens. Black ; head as wide as the abdomen : ſcale of the petiole very ſhort : mouth antennæ and legs reddiſh-brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 81. *n.* 540.

Ruficornis. Head and thorax black : abdomen brown ; jaws antennæ and legs teſtaceous : wings hyaline.
Inhabits *Europe*. *Muſ. Lesk. p.* 81. *n.* 541.

96. MUTILLA. *Antennae* filiform : *feelers* 4, the articulations obconic, ſeated on the tip of the lip : *jaw* membranaceous at the tip : *lip* projecting obconic : *wings*, in moſt ſpecies 0 ; *body* pubeſcent : *thorax* retuſe behind : *ſting* pungent, concealed.

Helvola. Pale claret-red : abdomen cylindrical, pubeſcent at the tip : thighs compreſſed.
Inhabits the *Cape of good hope*. *Dorylus helvolus. Fabric.*
Feelers unequal, the fore-ones a little longer with globular articulations, the hind-ones with equal articulations : firſt joint of

of the *antennae* globular, the ſecond very long and cylindrical: *head* with 3 white ſtemmata: *wings* hyaline with ferruginous veins.

Coccinea. Scarlet abdomen with a black belt.
Inhabits *North America*. *Cateſby' Carol.* 4. *tab.* 15.
Wings black: but is generally apterous.

Antiguenſis Scarlet: tip of the abdomen black with white ſtreaks.
Inhabits *Antigua*; half the ſize of the laſt.
Abdomen with a ſmall black ſpot at the baſe *legs* black.

Guineenſis. Thorax ſubſpinous variolous piceous; abdomen black with 2 white dots and an interrupted band.
Inhabits *Guinea*; large.
Head punctured: *thorax* ſubvillous with a few ſmall ſpines each ſide and impreſſed dot. *legs* black.

Diadema. Black; abdomen with 2 yellow dots at the baſe and an interrupted band in the middle, the tip with a white line.
Inhabits *Surinam*; large.
Head black with a white band at the baſe: *thorax* with 2 white lines at the ſcutel, the ſides white beneath: firſt ſegment of the *abdomen* with a white line each ſide, ſecond very large with a yellow dot each ſide at the baſe and ſtreak in the middle, the reſt with a white line in the middle. Beneath black with a white lateral line at the baſe, 3 of the ſegments edged with white.

Americana Black; abdomen with 4 yellowiſh ſpots and 3 white lines.
Inhabits *South America*. *Degeer, Inſ.* 3. *tab.* 30. *fig.* 10.

Formicaria Black: abdomen with a line of whitiſh dots down the back.
Inhabits *New Holland*. In the muſeum of Sir *Joſ. Banks*.
Thorax rough hairy: ſides of the *abdomen* whitiſh.

Exulans. Black: abdomen with 2 yellow dots at the baſe, an interrupted ſtreak in the middle and line behind.
Inhabits *America*.
Abdomen with an obſolite line conſiſting of a yellow dot on each ſegment behind.

Aurata. Blueiſh; abdomen with a large gold ſpot.
Inhabits *New Holland*. Muſeum of Sir *Joſ. Banks*.

Antennae brown: first segment of the *abdomen* with a large shining gold spot, the others black at the base.

**Europea.* Black; thorax rufous: segments of the abdomen with white margins.
Inhabits *Europe*. *Donovan's Engl. Inf.* vi. *tab.* 212.
Abdomen with 2 white bands, the second interrupted.

Ruficornis. Black; antennæ rufous: tail whitish.
Inhabits *New Holland*. In the museum of Sir *Jos. Banks*.
Tip of the *abdomen* with white hairs: *wings* black.

Atrata. Black; upper part of the thorax rufous: abdomen blue with 2 white bands.
Inhabits *Africa*.

Maura. Black: abdomen with 4 white spots: thorax rufous.
Inhabits *Europe*. *Grill. Ent. Neap.* 7. *tab.* 4. *fig.* 5.

Hungarica. Black: front cinereous: thorax rufous: abdomen with 6 white dots and streak behind.
Inhabits *Saxony*; size of M. atrata.

Coronata. Black; front cinereous: thorax rufous: abdomen with 3 silvery white dot and 2 streaks.
Inhabits *Saxony*; size of M. Maura.

Halensis. Hairy, black: thorax rufous: abdomen with 2 white dots and band behind.
Inhabits *Saxony*; half the size of M. europæa.
Legs black, shanks rufous at the base.

Arenaria. Hairy, black: front and back of the thorax white: abdomen with 4 white spots.
Inhabits *Spain*, in sandy plains.
Spots on the *abdomen* placed 1, 2, 1.
2. Abdomen with a white spot at the base and band in the middle.

Barbara. Hairy, black; fore-part of the thorax white: abdomen with 2 white bands.
Inhabits *Barbary*. *Wings* black.

Ephippium Hairy black: thorax rufous on the back.
Inhabits *Saxony*. *Wings* dusky.

Italica. Hairy, black: second segment of the abdomen rufous.
Inhabits *Italy*; size of M. maura.

Pacdemon

Paedemontana. Hairy, black; fore-paat of the thorax cinereous; abdomen with 2 cinereous bands, the fecond fegment rufous.
Inhabits *Italy*; twice as large as M. italica.

Verficelor. Abdomen black at each end, and rufous in the middle with a white band in which is a black dot.
Inhabits *America*.
Head antennae and *thorax* rufous: *legs* brown.

Regalis. Hairy, black; front cinereous; thorax rufous: abdomen with 4 white dots, the middle one elongated.
Inhabits *Hungary*; refembles M. coronata.

Ruficollis. Hairy, black: thorax rufous.
Inhabits *Italy*; fmall.

Ciliata. Hairy, black: thorax rufous: fegments of the abdomen edged with cinereous fringe.
Inhabits *Saxony*; refembles the laft.
Mandibles reddifh at the bafe and tipt with black: *antennae* rufous tipt with black.

Erythrocephala. Hairy, black; head rufous: abdomen with 3 gold bands.
Inhabits —— Middle-fize.
Antennae rufous tipt with black: *head* rough: *legs* rufous with blackifh joints.

Glabrata. Glabrous, black: thorax and abdomen rufous beneath.
Inhabits the *Eaft*. Small.
Mouth and firft joint of the *antennae* rufous: fegments of the *abdomen* whitifh at the margins.

Rufipes. Hairy, black: antennæ thorax and legs rufous: abdomen with a white dot and 2 approximate bands.
Inhabits *Saxony*; fmall.

Melanocephala. Hairy, rufous: head and tip of the abdomen black.
Inhabits *France*; refembles the laft.
Mouth rufous: *antennae* reddifh tipt with black: firft fegment of the *abdomen* rufous, the reft fringed at the margin with cinereous.

Nigripes. Rufous; tail black with approximate white ftreaks: legs black.

Indica. Inhabits the *Eaft*: *Antennae* black.
Black; abdomen with a pale yellow band and white line.
Inhabits *South America* and *India*, *Muf. Lud. Ulr.* 419.

Brutia. Black ; thorax rufous: abdomen with 6 silvery-white spots and band.
Inhabits *Calabria. Petagn. Inf. Calab. fig.* 38.

Littoralis, Black: thorax rufous; fore-part of the abdomen with 2 white 2-lobed spot, the 5 hind-segments edged with white.
Inhabits *Calabria. Petagn. Inf. Calab. fig.* 37.
Antennae and *legs* testaceous.

Spinosa. Yellowish varied with black: thorax with 4 spines each side; second segment of the abdomen with 2 testaceous spots.
Inhabits *America. Act. Stock.* 1787. 4. *n.* 2. 39.

Cephalotes, Head large black, spinous each side : abdomen with a gold spot and 3 white interrupted bands.
Inhabits *Georgia. Act. Stock.* 1787. *n.* 2. 40.

Bifasciata. Black ; head and thorax red: abdomen with 2 red bands: wings violet-black.
Inhabits *New York. Act. Stock,* 1787. 4. *n.* 41. 42.

6-punctata Black : thorax subcylindrical immaculate: abdomen with 3 whitish dots each side.
Inhabits *Africa. Act. Stock.* 1787. 4. *n.* 43.

6-maculata Black ; thorax rufous above: abdomen with a row of 3 whitish spots each side.
Inhabits *India. Act. Stock.* 1787. 4. *n.* 44.

ORDER

ORDER. VI. DIPTERA.

Wings 2, *under each of which is a clavate poiſer with its appropriate ſcale.*

97. ŒSTRUS. *Mouth* with a ſimpl aperture and not exſerted: *feelers* 2, of 2 articulations, orbicular at the tip and ſeated each ſide in a depreſſion of the mouth: *antennae* of 3 articulations, the laſt ſubglobular and furniſhed with a briſtle on the fore-part; placed in 2 hollows on the front. *Gad-fly. Breeze.*

The face of this ſingular genus is broad depreſſed veſicular and glaucous, and has ſome ſort of reſemblance to the Ape kind. They are extremely troubleſome to Horſes Sheep and Cattle, depoſiting their eggs in different parts of the body and producting painful tumours and ſometimes death. The *larvæ* are without feet, ſhort thick ſoft and annulate, and often furniſhed with ſmall hooks.

* *Bovis.* Wings immaculate brown: abdomen with a black band in the middle and orange-yellow hairs at the tip.

Linnean Tranſact. iii. *p.* 291. *tab.* 25. *fig.* 1—6.
Reaum. Inſ. 4. *tab.* 38. *fig.* 7. 8. *Degeer.* 6. *tab.* 15. *fig.* 22.

Depoſits its eggs in the back of Cattle, under the ſkin; which as they are changed into larvæ produce a purulent tumour. By the pain it inflicts, an extreme terror and agitation is occaſioned, and the object of the attack runs bellowing wildly about, with its tail erect and in a tremulour motion, and communicates the agitation to the whole herd.

Front white covered with down: *thorax* yellowiſh before, the middle black with 4 ſhort naked lines, behind cinereous: *abdomen* cinereous at the baſe: ſcales of the *poiſers* large ſnowy convex: *legs* black with pale tarſi.

Female with a black ſtyle at the end of the abdomen.

Larva brown, of 11 ſegments, with tranſverſe rough interrupted lines.

* *Equi.* Wings whitiſh with a black band in the middle and 2 dots at the tip.

Linn

Linn. Tranſact. iii. *p.* 298, *tab.* 23 *fig.* 7—9.
Degeer. Inſ p. 291. *tab.* 15. *fig.* 16.
Depoſits it's eggs on the hairs of Horſes, and always on thoſe parts which are moſt liable to be licked with the tongue; theſe either in the egg or larva ſtate, are conveyed by the tongue into the ſtomach, and paſſing through the inteſtines with the food, are diſcharged with the dung. Theſe larvæ are commonly known by the name of bots.

Front white downy, crown brown: *eyes* black diſtant: *thorax* brown, duſky in the middle: *abdomen* yellow-brown with ſpots at the ineiſures: *ſcutel* with 2 hairy tufts. *Female* browner, with a long incurved black appendage at the end of the abdomen. *Larva* round, pale green; the tail obtuſely truncate; head tapering, the mouth horny with 2 lips and 2 recurved black claws each ſide the mouth; ſegments of the body fringed with 2 rows of rigid ſpines turned downwards.

2. Wings with a ſingle oblong black ſpot at the tip: abdomen covered with thick brown-ferruginous hairs.
Œſtrus Vituli. *Fabricius. Syſt. Ent.* ivt *p.* 231.

**Haemorrhoidalis.* Wings immaculate browniſh: abdomen black, the baſe white and fulvous at the tip.
Linn. Tranſact. iii. *p.* 308. *tab.* 23. *fig.* 10—13.
Reaum. tab. 35. *fig.* 3. Larva. *tab.* 34. *fig.* 14.
Depoſits it's eggs on the lips of Horſes, occaſioning a titillation, which cauſes the animal when attached by it, to move its head about violently, and gallop about with every appearance of diſtreſs. The larvæ are conveyed through the inteſtines like thoſe of the laſt ſpecies.
About half the ſize Œ. Equi: *front* white downy: *thorax* with brown hairs, the ſpace between the wings black: beneath hairy cinereous: *legs* rufous with black thighs; *female* with a black incurved appendage behind: *larva* leſs, but exactly reſembling the laſt.

**Veterinus.* Wings immaculate: body ferruginous; ſides of the thorax and baſe of the abdomen with white hairs.
Linn. Tranſact. iii. *p.* 312. *tab.* 23. *fig.* 18, 19.
Œſtrus naſalis. *Gmelin.* Œſt. Equi. *Fabricius.*
Depoſits it's eggs on Horſes and Cattle: the larvæ probably paſs through the ſtomach like the former ones.
Leſs than Oeſt. Equi. Inſertion of the *wings* and baſe of the *abdomen* covered with whitiſh hairs: ſecond ſegment of the *abdomen* with 2 hairy tubercles. Beneath and *legs* ruſty-brown.
Female with ſometimes a blackiſh abdomen.

**Ovi?* Wings pellucid, punctured at the baſe; abdomen variegated with white and black.

Linn.

Linn. Transact. iii. *p.* 313. *tab.* 23. *fig.* 14—17.
Reaum. Inf. tab. 35. *fig.* 22. Larva 8, 9.
Depoſits it's eggs on the inner margin of the noſtrils of Sheep, occaſioning them to ſhake their heads violently and hide their noſes in duſt or gravel. The larvæ crawl up into the frontal ſinuſes or horns, and when full fed, are again diſcharged through the noſtrils.
Leſs than Oeſt. Equi. *Head* with hollow dots on the crown: *thorax* cinereous with black raiſed dots and 4 black lines: above the aperture of the mouth is a ſmall conic proceſs. *Larva* white ovate, pointed before with 2 hooks, truncate behind with a prominent margin and 2 black reſpiratory ſcales. Above convex, with black lines and dots; beneath flat, with minute rough black dots in the middle of the ſegments.

Cuniculi. Black; wings brown: thorax black as far as the middle, behind and baſe of the abdomen with yellowiſh hairs.
Inhabits *Georgia. Linn. Tranſ.* iii, *p.* 299.
Depoſits it's eggs in the ſkins of Hares and Rabbits.
Twice as large as Œſt. Bovis. Sides of the abdominal ſegments yellow: *body* beneath black. *Larva* brown; every where rough with very minute prickles.

Buccatus. Grey; face white dotted with black.
Inhabits *Carolina*; large.
Abdomen grey dotted with black: *wings* browniſh; ſcales of the *poiſers* long rounded brown.

Tarandi. Wings immaculate: thorax yellow with a black band: abdomen fulvous tipt with black.
Linn. Act. Holm. 1739. *tab.* 3. *fig.* 5, 6.
Inhabits *Lapland.* Depoſits it's eggs on the back of the Reindeer and is often fatal to them.

Trompe. Wings white: body black with cinereous hairs: thorax with a deep black band.
Inhabits *Lapland*, on the Rein-deer.

Antilopae. Wings with a brown band and dots: body hairy tawny-grey: abdomen with 3 rows of blackiſh ſpots.
Inhabits *Aſia Pall. It.* 1. *p.* 212. and 475.
Depoſits it's eggs on the back of the Antelope.

Faſciculoſus Downy, yellow: tail with 3 tufts of blackiſh hairs.
Inhabits *Siberia. Lepech. It.* 1. *p.* 75.

Hominis. Body entirely brown.
Inhabits *South America. Linne ap. Pall. nord Beytr. p.* 157.

Depoſits

Depoſits it's eggs under the ſkin, on the bellies of the natives; the larva, if it be diſturbed, penetrates deeper, and produces an ulcer which frequently becomes fatal.

98. TIPULA. *Mouth* with a very ſhort membranaceous proboſcis, the back grooved and receiving a briſtle; hauſtel ſhort, without a ſheath: *feelers* 2, incurved filiform and longer than the head: *antennæ* moſtly filiform. *Crane-fly.*

Moſt of this genus have a great reſemblance to the gnat: they feed on various ſubſtances: the *larvæ* are without feet ſoft and cylindrical with a truncate toothed head and feed on the roots of plants: *pupæ* cylindrical, 2-horned before and toothed behind.

A. *Wings expanded.*

* *Pectinicornis.* Antennæ pectinate: wings with a black ſpot: abdomen rufous at the baſe, barred with yellow in the middle and tipt with black. *Father Long-legs.*
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 25. *fig.* 3.

* *Rivoſa.* Wings white hyaline with 3 large brown patches near the thicker margin.
Donovan, ii. *tab.* 48. *fig.* 2. *Degeer.* 6. *tab.* 19. *fig.* 1.
Inhabits moiſt places of *Europe*. Poiſers tipt with yellow.

Sinuata. Wings white with a ſinuate margin and brown ſpot: body cinereous: legs ferruginous.
Inhabits *Germany*, large.
Thorax ferruginous before as far as the wings: *wings* white, the thicker margin widely ferruginous with 2 large white ſinuoſities and brown ſpots at the thinner margin; *legs* ferruginous with black joints

* 4-*maculata.* Wings with brown veins margin and 4 ſpots: abdomen yellowiſh above.
Inhabits watery meadows of *Europe*.

* *Crocata.* Wings with a brown ſpot: abdomen black with 3 fulvous bands.
Inhabits

Inhabits *Europe*. *Donovan.* ii. *tab.* 48. *fig.* 1.
Schæff. Icon. tab. 126. *fig.* 4. *Geoffr.* 1. *tab.* 19. *fig.* 1.
Antennae black: *head* black with a fulvous front: *thorax* black with fulvous ſpots: fourth ſegment of the *abdomen* with a fulvous dot each ſide: *legs* black, thighs paliſh at the baſe.

Flaveolata. Wings with a brown ſpot: abdomen black with 6 yellow bands.
Inhabits *Germany*; ſize of the laſt.
Antennae fulvous, thoſe of the male pectinate with black: *head* black with a yellow dot on the front: *thorax* gibbous black with a yellow fore-margin and line: *poiſers* yellow: *tail* of the female with a bifid fulvous ſtyle: *wings* hyaline with a yellowiſh rib: *legs* fulvous tipt with brown, hind-thighs with a black band.

*Hortorum Wings hyaline with ſcattered obſolete white ſpots.
Inhabits *Europe*. *Albin. tab.* 61. *Schæff. Icon. tab.* 15. *fig.* 3, 4.

*Oleracea. Wings hyaline with a brown exterior margin.
Reaum. Inſ. 4. *tab.* 11. *fig.* 17. *t.* 2. *f.* 11. *t.* 3. *f.* 1, 2, 10.
Bradl. Nat. tab. 25. *fig.* 3. *Degeer.* 6. *tab.* 8. *fig.* 12, 13.
Inhabits *Europe*; deſtroys the roots of vegetables.

Tricolor. Wings whitiſh with a brown exterior margin and bifid nerve.
Inhabits *North America*; ſize of the laſt.
Thorax cinereous, paler at the baſe: *abdomen* brown with cinereous lines and 2 ſmall black dots at the baſe of each ſegment.

*Triangularis. Outer half of the wings brown with a triangular white ſpot.
Inhabits *Scotland*; ſize of T. oleracea.
Abdomen brown with a cinereous lateral line: thinner half of the *wings* white; *legs* long brown with black joints.

*Variegata Black; baſe and ſides of the abdomen red ſpotted with yellow.
Inhabits *Europe*. *Schæff. Icon. tab.* 15. *fig.* 7.
Scutel red with a black ſpot: *legs* red.

*Contaminata. Black; wings white with a brown dot and 2 bands.
Inhabits moiſt meadows of *Europe*.
The hinder band on the *abdomen* is abbreviated.

*Lunata. Wings greyiſh with a white marginal lunule.
Inhabits *Europe*. *Reaum. Inſ.* 5. *tab.* 2. *fig.* 11.

Turcica. Wings veined, with a white marginal lunule: body cinereous: abdomen with a black dorsal line.
Inhabits *Kiel*; size of the last.
Legs black, thighs testaceous: *wings* with black veins.

**Pratensis.* Thorax variegated: abdomen brown, the sides spotted with yellow: front fulvous.
Inhabits *Europe*. *Frisch. Inf.* 4. *tab.* 12.

Dorsalis. Yellowish with a brown back: wings hyaline with a black marginal spot.
Inhabits *Germany*; size of the last.
Antennae projecting obtuse serrate black.

Histrio. Yellow, variegated above with black: wings immaculate.
Inhabits *Denmark*; size of T. pratensis.
Antennae hairy black, the first joint yellow: *head* yellow with a black spot at the base: *thorax* spotted with black: *abdomen* with a brown line down the back behind: *wings* whitish.

Verticillata Brown; head ferruginous: base of the abdomen ferruginous with a black lateral line: joints of the antennæ ferruginous at the base and verticillate with hairs.
Inhabits *Germany*. *Wings* dusky.
Legs black, thighs ferruginous at the base.

Plumbea. Grey-brown: wings white with a black rib and nerves.
Inhabits *Italy*. *Body* leaden-brown.
Legs black, thighs testaceous at the base.

Striata. Grey-brown: thorax with 3 black lines before: abdomen black: wings grey, striate with nerves.
Inhabits *Italy*; size of T. plumbea.

**Cornicina.* Wings hyaline with a brown marginal dot: abdomen yellow with 3 brown lines.
Inhabits *Europe*. *Degeer. Inf.* 6. *tab.* 19. *fig.* 23.

Atrata. Wings glaucous with a black marginal spot: body black: first segment of the abdomen and legs rufous.
Inhabits *Europe*. *Degeer Inf.* 6. *tab.* 19. *fig.* 10.
Female with a recurved subulate pointed abdomen.

Nigra. Wings brown: body black.
Inhabits *Europe*.

Albimana.

Albimana. Black; thighs teſtaceous, hind-tarſi white.
Inhabits *Kiel.*
Head black, mouth teſtaceous: *abdomen* with a faint ferruginous ſpot or two at the tip.

Clavipes. Brown; tarſi annulate with white, ovate and thickened in the middle.
Inhabits *North America.*
Thorax cinereous behind: *wings* white: *ſhanks* with a white ring.

Paludoſa. Wings hyaline with 2 brown ſpots: thorax ferruginous with 3 abbreviated black lines.
Inhabits *Italy*. ſize of T. 2 maculata.
Antennæ pectinate black, the firſt joint ferruginous: *head* black, mouth ferruginous: *abdomen* ferruginous at the baſe with a black dorſal line, the tip black: *legs* ferruginous with black joints.

Læta. Ferruginous; wings black with 2 abbreviated yellowiſh bands and dot in the middle.
Inhabits *Eaſt India*: ſize of T. maculata.
Wings yellowiſh at the baſe: *thighs* ferruginous tipt with black; *ſhanks* black with a ſnowy baſe.

*2-*maculata.* Wings hyaline with 2 brown ſpots: abdomen ſpotted with ferruginous in the middle: antennæ feathered.
Inhabits *Europe*. *Reaum. Inſ.* 5. *tab.* 4. *fig.* 1, 2.
Abdomen of the *male* immaculate.

**Annulata.* Wings variegated with brown: thighs with a white ring.
Inhabits *Europe*. *Reaum. Inſ.* 5. *tab.* 4. *fig.* 1, 2.

**Ocellaris.* Wings whitiſh with numerous ocellar blackiſh ſpots.
Inhabits *Europe*; in meadows.

Cinerea. Wings whitiſh with 3 brown dots: body cinereous immaculate.
Inhabits *Norway*; leſs than the laſt.
Legs cinereous tipt with brown.

Faſciata. Wings whitiſh with 4 brown flexuous bands: abdomen yellowiſh.
Inhabits *Sweden*. Bands of the wings unequal.

Melanocephala. Teſtaceous with a black head and line down the thorax: wings hyaline with 3 brown ſtreaks.

Inhabits *Cayenne* ; ſmall.
Abdomen with a black dorſal line at the baſe : *legs* teſtaceous with black joints.

6-punctata. Wings white with 3 brown marginal dots : thorax compreſſed fulvous with a black dorſal line.
Inhabits *Italy*. *Abdomen* brown with a rufous tail.

Flavipes Brown ; wings duſky with cinereous ſpots and 3 brown ones at the rib : legs yellowiſh with brown joints.
Inhabits *Kiel*.
Poijers yellow with a brown ring before the tip : *abdomen* brown, the edges of the ſegments yellow.

3-punctata Wings hyaline with 3 brown marginal dots : body yellow.
Inhabits *Italy* ; reſembles T. flaveſcens.

Flaveſcens. Wings immaculate : body yellow.
Inhabits meadows of *Europe*.

Regelationis Wings hyaline ſhining : body grey-brown.
Inhabits *Europe*: appears early in the ſpring.

Pilipes. Cinereous : wings ſtriate browniſh : fore-ſhanks hairy.
Inhabits *Kiel*.
Thorax ſubſtriate : *abdomen* flat cinereous, tail brown : *wings* with a brown dot behind : *legs* yellowiſh.

Morio. Wings white with a brown marginal ſpot ; body black with pale legs.
Inhabits *Kiel* : ſmall.

**Replicata* Wings hyaline, the thinner margin recurved : body brown : antennæ ſimple
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 20. *fig.* 16.

Monoptera. Black with pale legs and feelers.
Inhabits *Europe*; leſs than a gnat.

Coſtalis. Dirty yellow : antennæ twice as long as the body ; wings hyaline with a reddiſh brown rib.
Inhabits *Van Diemen's Land*. *Act. Stock.* 1787. 4. *n.* 2. 45.

Enſiformis. Antennæ lanceolate and ſlightly ſerrate : wings with a black ſpot and veins.

Inhabits

Inhabits *Sweaen*; rather larger than a common gnat.
Body livid: *thorax* with a black divaricate line on the fore-part: *abdomen* with a black ſpot at the ſide of each ſegment.

Barbicornis Black; antennæ feathered, the tip nearly ſimple.
Inhabits *Europe*; ſmall.

Gigantea. Wings brown with longitudinal hyaline waves in the middle.
Inhabits *Auſtria*. *Schranck. Inſ. Aust. p.* 418. *n.* 845.

Venoſa. Wings hyaline with brown veins and margin.
Inhabits *Auſtria*. *Schranck. Aust. p.* 419, *n.* 847.

Plicata. Cinereous; wings hyaline with brown veins the outer margin and line in the middle with ſmall plaits between them.
Inhabits *Auſtria*. *Schranck. Auſt. p.* 420. *n.* 850.

Punctata. Wings hyaline dotted with black, the outer margin with black ſpots.
Inhabits *Auſtria*. *Schranck. Aust. p.* 425. *n.* 858.

Phragmitidis. Yellow; head black: wings hyaline with 3 black dots.
Inhabits *Auſtria*. *Schranck. Anſt. p.* 426. *n.* 860.
Thorax with a black line: *legs* tipt with brown.

Lineata. Yellow: thorax with 3, abdomen with 4 punctured lines.
Inhabits *Auſtria*. *Schranck. Auſt. p.* 426. *n.* 861.

Oleata. Black; wings hyaline ſpotted and dotted with black, a white band before the hind-tarſi.
Inhabits *Auſtria*. *Schranck. Auſt. p.* 427. *n.* 862.
Thighs feelers and *poiſers* ferruginous: *ſhanks* brown.

Bifaſciata. Yellow: wings hyaline with 2 indiſtinct brown bands.
Inhabits *Auſtria*. *Schranck. Auſt p.* 428. *n.* 865.

Depreſſa. Thorax cinereous: abdomen pale yellow, depreſſed: wings yellow-brown with 4 marginal brown ſpots.
Inhabits *Europe*. *Muſ. Leſk. p.* 126. *n.* 7.

Diſcolor. Cinereous: abdomen yellowiſh each ſide: wings with a brown and a white ſpot.
Inhabits *Europe*. *Muſ. Lesk. p.* 126. *n.* 12.

Pectinata.

Pectinata. Black; antennæ ſemipectinate: wings glaucous with a brown marginal dot and tip: thighs and ſhanks rufous tipt with black.
Inhabits *Europe.* *Muſ. Lesk. p.* 126. *n.* 13.

Verſicolor. Yellow: thorax yellow ſpotted with black: abdomen cinereous on the back beneath and at the ſides: wings with a brown ſpot and veins.
Inhabits *Europe.* *Muſ. Lesk. p.* 126. *n.* 14.

Maculoſa. Black: ſnout legs and tip of the abdomen pale yellow: wings with ſcattered brown ſpots.
Inhabits *Europe.* *Muſ. Lesk. p.* 126. *n.* 15.

Lutea. Pale yellow, wings paler yellow
Inhabits *Europe.* *Muſ. Lesk. p.* 126. *n.* 16.

Fuſcipes. Black: abdomen with 2 yellow bands: wings white ſpotted with black: legs yellow with brown joints.
Inhabits *Europe.* *Muſ. Lesk. p.* 126. *n.* 17.

Quadrifaſciata. Grey-yellow, wings grey with 4 yellowiſh bands and punctured outer margin: legs yellow with brown joints.
Inhabits *Europe.* *Muſ. Lesk. p.* 126. *n.* 18.

8-punctata. Wings white with 8 black dots: abdomen black: thorax and legs pale:
Inhabits *Switzerland.* *Thunb. Act. Ups.* 4. *p.* 26. *n.* 43.

Pariſcenſis. Green; wings hyaline with a brown band: abdomen with 2 black bands and tail.
Inhabits *Switzerland.* *Thunb. Act. Ups.* 4. *p.* 26. *n.* 44.
Feelers black: *antennae* white: *thorax* with a black heart-ſhaped ſpot: *fore-legs* vibratory.

Secalis. Cinereous: wings ciliate: antennæ black annulate with white: tip of abdomen black: legs tipt with black,
Inhabits *Germany.* *Act. Stock.* 1779. 2 *n.* 7.
Larva grey with 2 black lines on the back.

B. *Wings incumbent.*

* *Plumoſa.* Thorax greeniſh: wings blueiſh-white with a brown dot: antennæ feathered.
Donovan. i. *tab.* 22, *Degeer. Inſ.* 6. *tab.* 19. *fig.* 14 15. *Reaum.*

Reaum. Inf. 5. *tab.* 5. *fig.* 10. 4. *tab.* 14. *fig.* 12.
Inhabits Marſhes of *Europe*, early in the ſpring.
Fore-legs very long: *abdomen* annulate with grey and black.

*Mutitatrix. Fore-legs very large and vibratory, with a white ring.
Inhabits *Europe*. *Friſch. Inf.* 2. 7. *tab.* 13.

*Pilicornis. Fore-legs very large and vibratory: body blackiſh; thorax with black lines: wings white immaculate.
Inhabits *Germany*; ſmall.
Antennae large, with tufted hairs: *legs* black.

*Faſciculata Fore-legs very large and vibratory: body black: ſides of the abdomen with ferruginous ſpots.
Inhabits *Germany*; ſmall.
Antennae brown with tufted hairs: *fore-legs* ferruginous at the baſe: *wings* white with a ſmall brown dot.

*Tendens. Ferruginous: wings white immaculate: fore-legs very long and pale.
Inhabits Marſhes of *Denmark*; ſize of T. littoralis.

*Tremula. Fore-legs very long and vibratory, black with white rings.
Inhabits *Sweden*.

*Flexilis. Fore-legs very long and vibratory, all of them pale: wings with a browniſh band.
Inhabits *Europe*: leſs than a common gnat.

*Vibratoria. Fore-legs very long, vibratory and tipt with white.
Inhabits Marſhes of *Europe*.

*Hiſtrio. Fore-legs vibratory: abdomen black with a white ring: wings white with a black dot in the middle.
Inhabits *Saxony*: ſmall.
Head black; thorax with white lines: *abdomen* with 8 white rings: *legs* varied with white and black.

*Varia. Fore-legs long: body brown: abdomen yellowiſh: wings varied with white and black.
Inhabits *Kiel*. *Legs* yellowiſh.

*Ruſipes. Black; legs rufous: wings black in the middle and yellowiſh at the baſe.
Inhabits *Germany*; ſize of T. plumoſa.

Gibba,

Gibba. Green; thorax gibbous and lengthened behind: wings white with a brown band.
Inhabits *Saxony*: small.
Antennæ with verticillate hairs: *abdomen* green, the segments paler at the edges with a black streak or two at the tail: *legs* pale, base of the thighs and tip of the shanks blackish.

Stricta. Black; segments of the abdomen tipt with white white: wings white with a brown central dot.
Inhabits *Germany*; resembles T. cincta.
Legs variegated with white and black.

Pallida. Hairy, pale: legs dotted with black.
Inhabits *Germany*. *Antennæ* fasciculate pale.

Barbicornis Black; wings white: antennæ feathered, the tip simple.
Inhabits *Europe*: small.
Abdomen depressed, the sides a little spotted with white: *wings* white: *legs* black, thighs testaceous at the base.

Plumicornis Brown; thorax with a whitish lateral line: legs whitish immaculate.
Inhabits *Germany*: resembles T. pallida.
Antennæ plumous: *wings* ciliate whitish.

Flabellicornis: Pale: abdomen annulate with black: wings spotted.
Inhabits *Germany*. *Legs* immaculate.

Cincta. Livid; wings with 3 black marginal spots: abdomed black annulate with white.
Inhabits *Sweden*.

**Arundineti* White with black eyes: antennæ villous.
Inhabits reedy marshes of *Europe*. *Wings* white.

**Littoralis* Greenish; wings immaculate: fore-legs very long.
Inhabits *Europe*. *Reaum. Inf.* 5. *tab.* 6. *fig.* 12—14.

**Zonata.* Pale; wings with 2 brown bands and 3 dots: thighs with a brown ring.
Inhabits meadows round *Oxford*. Size of a gnat.
Antennæ short hairy: *abdomen* with 3 streaks of brown dots on the back: *legs* long.

**Monilis.* Legs white with 9 black rings: wings varied with white and cinereous.
Inhabits *Europe*, in meadows and gardens.

**Macro-*

*Macrocephala. Greeniſh; eyes and back of the thorax black.
Inhabits *Europe*, in bogs and marſhes: very ſmall.

*Viridula. Green; antennæ verticillate with hairs: legs pale.
Inhabits Marſhes of *Europe*.
Thorax a little ferruginous before; joints of the *legs* black.

Cantans. Brown; baſe of the abdomen and legs greeniſh: wings immaculate: antennæ faſciculate.
Inhabits *Kiel*; ſmall.
Antennæ pale: joints of the *legs* black.

Geniculata. Yellowiſh; thorax with 3 black lines: back of the abdomen black; wings white immaculate.
Inhabits *Kiel*; ſmall.
Legs pale with black joints.

Pallipes. Glabrous, brown; wings hyaline immaculate; legs paliſh,
Inhabits *Kiel*; ſmall.

*Puſilla. Green; back of the thorax with 3 black ſpots: antennæ of the male pectinate.
Inhabits *Europe*. *Breast* gibbous between the legs.

*Brevicornis. Black, glabrous: wings with a blackiſh mrrgin; abdomen brown: fore-ſhanks ſpinous.
Inhabits *Europe*: reſts with its wings expanded
2. Fore and hind-ſhanks ferruginous.

*Hortulana Wings white with a black outer-margin: thorax aud abdomen red.
Inhabits *Europe*. *Reaum. Inſ.* 5. *tab.* 7. *fig.* 7—10.

*Marci. Black: glabrous: wings blackiſh: fore-thighs grooved within
Inhabits *Europe*. *Schaeff. Icon. tab.* 15. *fig.* 1. 2.

*Tritici. Dull rufous: wings hyaline with a fringed margin: eyes black.
Inhabits *Europe*; very minute. *Linn. Tranſ.* iv. *p.* 230.
Antennæ moniliform, longer than the thorax: *legs* very long.
Larva citron, with folded papillæ at the margin. a ſharp head and truncate tail; ſkips and is fouud in great members in the ears of wheat, to which it is very injurious: is deſtroyed by the Ichneumon Tipulæ: *pupa* narrow reddiſh and pointed at each end.

Iohannis. Black; glabrous wings white with a black dot; antennæ short: legs black.
Inhabits *Europe*. *Degeer Inf.* 6. *tab.* 27. *fig.* 12, 13.
Hind-legs of the male clavate.

**Pomonæ.* Shining black: wings white with a black dot: thighs ferruginous.
Inhabits *England* *Donovan's Eng. Inf.* ix. *tab.* 300.
Twice the size of the last: *legs* black.

Pyri. Shining black: wings hyaline with a black marginal dot: legs testaceous.
Inhabits *Germany*; half the size of the last.

Ruficollis. Shining black with a rufous thorax.
Inhabits *Africa*. In the museum of Sir *Jos. Banks*.
Wings brown with a darker thicker margin.

Chrysanthemi. Shining black: abdomen rufous at the base: antennæ thick and hairy:
Inhabits *Spain*, on the Chryanthemum coronarium.
2. Abdomen entirely black.
First joint of the *antennæ* larger thick and hairy, the second shorter and and subulate.

Thomae. Black, glabrous with a saffron line on the sides of the abdomen: wings blackish.
Inhabits *Upsal*. *Schaeff. Icon. tab.* 209. *fig.* 6. 7.

**Febrilis.* Oblong, hairy black: wings with a blackish rib.
Inhabits *Europe*. *Goedart. Inf.* 1. *tab.* 6.

Brunnipes. Hairy, black: legs ferruginous, the hind-ones long.
Inhabits *America*. Museum of Sir *Jos. Banks*.
Abdomen flat on the back: *hind-thighs* clavate.

**Forcipata* Abdomen cylindrical black: wings brown hyaline: tail appendaged.
Inhabits *England*; small.
Antennae subulate, of many joints: *body* shining black: *tail* with 2 clavate appendages.

Albipennis. Shining black with white wings.
Inhabits *Germany*; very small. *Antennae* short.

Juniperina.

Juniperin. Cinereous ; wings white with a villous margin.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 25. *fig.* 7—13.

**Hirta.* Hairy; wings deflected ovate ciliate and teſſellate with white and black.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 27. *fig.* 10, 11.

**Phalanoides.* Wings deflected cinereous ovate lanceolate and fringed.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 27. *fig.* 6.

**Perſicaria* Black ; wings incumbent ſubciliate.
Inhabits in the curled leaves of the *Perſicaria*.

Calciformis. Cinereous ; legs pale : wings with 2 blackiſh ſpots.
Inhabits *Upſal* ; *legs* ferruginous.

**Paluſtris.* Pale ; head black : abdomen reddiſh.
Inhabits Marſhes of *Europe*. *Legs* pale.

Sylveſtris. Pale ; thorax with 2 black lines : abdomen rufous with lateral black dots.
Inhabits *Kiel* ; ſmall.
Legs long white, the joints and hind-tarſi black.

**Longicornis.* Body fleſh-colour : antennæ very long.
Inhabits moiſt Meadows of *Europe*.

Sericea. Black with a deeper back ; ſides of the thorax bald : poiſers yellow.
Inhabits *Sweden* : moves about in ſwarms with a rapid and flexnous flight.

**Pulicaris.* Black : ſides of the thorax ſcutel and abdomen yellow.
Inhabits *Europe*; very minute.

Pennicornis Antennæ of the male bipectinate, of the female moniliform : poiſers white.
Inhabits the flowers of the *Ariſtolochia Clematis*.

Virens. Green ; wings immaculate : ends of the legs brown.
Inhabits *Sweden* ; reſembles T. plumoſa but is leſs.

Putris. Brown : baſe of the wings cinereous.
Inhabits *Europe*, in ſunny places.

Notata. Black ; wings white: abdomen with a white ſpot on the fore-part.
Inhrbits *Europe*. *Fn. Suec.* 1773.

Incarnata. Fleſh-colour: antennæ as long as the body.
Inhabits *Upſal.*
Antennae with 12 articulations.

Bipunctata Brown; wings cinereous with a white marginal dot.
Inhabits *Europe*: very minute.
Thorax ſmooth black: *abdomen* ovate: *poiſers* white.

Minutiſſima. Yellow with black approximate eyes.
Inhabits *Sweden* and *Auſtria*; about ditches.
Wings and *legs* hyaline: *antennae* browniſh.

Scathopſe. Black; antennæ moniliform; wings hyaline.
Inhabits *Auſtria. Schranck. Inſ. Aust. p.* 433. *n.* 881.

Buxi. Yellow with black head and thorax: wings brown
Inhabits *Europe. Schranck Aust. p* 433. *n.* 882.

Berberina. Wings ſooty with a white baſe and marginal ſpot.
Inhabits *Austria. Schranck. Aust. p.* 435. *n.* 885.
Forms ſmall ſtrumous excreſcences on the branches of the Berberry. *Thorax* and *abdomen* red: *pupa* red with ſetaceous antennæ.

Luteſcens. Yellowiſh with 3 black ſpots on the back: antennæ feathered.
Inhabits *Europe. Muſ. Lesk p.* 127. *n.* 21.

Triſaſciata Ferruginous; wings with 3 brown bands.
Inhabits *Europe. Muſ. Lesk. p.* 127. *n.* 22.

Multicolor Body yellowiſh: abdomen greeniſh: wings with a brown band.
Inhabits *Europe. Muſ. Leſk. p.* 127. *n.* 23.

Alba. Grey with white wings and abdomen, the latter tipt with brown
Inhabits *Europe. Muſ. Leſk. p.* 127. *n.* 24.

Carbonaria Black: legs ferruginous: wings hyaline.
Inhabits *Europe. Muſ. Lesk. p.* 127. *n.* 26.

Plumicornis Brown with yellow legs: antennæ browniſh-feathered.
Inhabits *Europe. Muſ. Lesk. p.* 127. *n.* 27.

Dichroa. Black with ferruginous legs.
Inhabits *Europe. Muſ. Lesk. p.* 127. *n.* 32.

Leucop

Leucoptera. Brown: tip of the abdomen and legs yellow: wings white.
Inhabits *Europe*. *Mus. Lesk p.* 127. *n.* 35.

Moschifera Wings cinereous: thorax and abdomen yellow.
Inhabits *Chili*. *Molin. Hist Chil. p.* 188.
This insect has a very pleasant musky smell, and is used by the female natives to perfume their garments.

99. DIOPSIS. *Head* with 2 inarticulate filiform horns much longer than the head, at the tip of which are placed the eyes.

Ichneumonea Diopsis.
Inhabits *South America* and *Guinea*; resembles an Ichneumon.
Fuessl. Arch. Ins. 1. *cum tab. Dahl. Dis. Ins. Upsal.* 1775. 4.
Body reddish: *antennae* very small setaceous and with the *horns* ferruginous: *eyes* globular flexuous black: *thorax* black with 2 subulate yellow teeth behind and a single one at the sides: *wings* hyaline with a black dot on the fore-part near the tip: *abdomen* clavate slightly pedicellate, the 2 last segments black: *legs* yellow, fore-thighs clavate.

100. MUSCA. *Mouth* with a soft exserted fleshy proboscis and 2 equal lips: *sucker* furnished with bristles: *feelers* 2, very short, or 0: *antennae* generally short. *Fly.*

A. *With 2 short feelers.*

a. *Sucker with a single bristle without sheath: antennæ short clavate, furnished with a lateral hair.*

†. *Hair of the antennæ feathered.*

Fijana. Cinereous: abdomen pellucid with 3 black belts: legs pale.
Inhabits *Tranquebar*.
Thorax and *scutel* dusky with a paler margin: *antennae* subferruginous: *legs* pale with black tarsi.

Meridiana Hairy, black: front golden: wings ferruginous at the base.

Inhabits

Inhabits *Europe*. *Harris's Eng. Inſ. tab.* 9. *fig.* 9.
2. Abdomen with a faint rufous ſpot at the baſe each ſide.

**Carnaria.* Hairy, black; thorax with paler lines: abdomen ſhining teſſellate.
Reaum. Inſ. 4. *tab.* 29. *fig.* 4—6. *Degeer.* 6. *tab.* 3. *fig.* 5.
Inhabits *Europe*, in putrid carcaſſes and meat.

Carnivora. Duſky; abdomen blue ſubteſſellate, the ſegments edged with black.
Inhabits *Germany*, in putrid meat.
Head black, mouth ferruginous: *thorax* and *ſcutel* hairy blackiſh without lines: *legs* black.

Lardaria. Black; thorax and abdomen teſſellate.
Inhabits *Germany*; leſs than M carnaria.
Abdomen ſubglobular obtuſe: *legs* black.

Ruficornis. Hairy, cinereous: thorax with black lines: abdomen teſſellate: antennæ rufous.
Inhabits *Eaſt India*.
Head cinereous with a black line on the crown: *thorax* with 5 black lines, the middle one reaching down the ſcutel.

Rutilans. Thorax cinereous with black lines; abdomen teſſellate, the tail rufous.
Inhabits *South America*; larger than M. domeſtica.
Mouth whitiſh: *antennæ* black: *thorax* and *abdomen* hairy.

**Maculata.* Cinereous; thorax and abdomen with numerous black ſpots.
Inhabits *Europe*; larger than M. domeſtica.
Head cinereous with a black probolcis: *antennae* black: *abdomen* with 2 black lines in the middle beneath: *wings* whitiſh immaculate: *legs* black.

Rudis. Hairy; thorax grey: abdomen teſſellate.
Inhabits *Germany*; larger than M. domeſtica.
Mouth cinereous: *antennæ* black: ſcale of the *poiſers* whitiſh: *legs* black.

Obſcura. Hairy dull black: wings and ſcale of the poiſers cinereous.
Inhabits *Germany*; larger than M. domeſtica.

**Domeſtica* Hairy, black: thorax with 5 pale lines: abdomen teſſellate, beneath pale at the baſe.
Inhabits

Degeer. Inſ. 6. *tab.* 4, *fig.* 5, 6. *Aldrov. Inſ. tab.* 2. *fig.* 23.
Inhabits *Europe*, on Horſe-dung.

Occidua. Thorax with black lines: abdomen banded.
Inhabits *South America*; ſmaller than the laſt.

Striata. Cinereous; thorax with black lines: abdomen teſſellate.
Inhabits *Germany*; ſize of M. domeſtica.
Head cinereous with a black line in the middle: *wings* white: *tail* a little roundiſh: *legs* black.

Americana. Black; ſides of the thorax grey dotted with black.
Inhabits *American Iſlands.*; reſembles an Œſtrus.
Head ſmooth black. *thorax* glabrous with an impreſſed line in the middle, the ſides downy with 3 black dots: *ſcutel* large rounded ſubſtriate black: *wings* black, ſcale of the poiſers prominent and vaulted.

Retuſa. Hairy, grey bronzed: abdomen with a gold gloſs: tail retuſe.
Inhabits *New Holland.* Muſeum of Sir *Joſ. Banks*
Head whitiſh with a black frontal line: *thorax* hairy: ſegments of the *abdomen* ſhining gold, the edges black: *wings* white with a brown ſpot at the baſe.

Putrida. Shining bronze: abdomen globular: legs black.
Inhabits *American Iſlands*; ſize of M. Cæſar.
Wings white: *abdomen* nearly globular.

**Cæſar.* Hairy, ſhining green with black legs.
Merian Europ. 1. *tab.* 49. *Meuff. Inſ. tab.* 49.
Reaum. Inſ. 4. *tab* 8. *fig.* 1. *Goed. Inſ.* 1. *tab.* 54.
Inhabits *Europe*, in putrid meat and carcaſſes.
2. About a third part as large.

Megacephala. Shining bronze: ſegments of the abdomen edged with black.
Inhabits *Guinea*; ſize of M. Cæſar
Head cinereous with a brown front: *wings* whitiſh: *legs* black.

Felina. Shining bronze: abdomen teſtaceous with a bronzed tail.
Inhabits *New Spain.*
Mouth cinereous downy: *eyes* cheſnut dotted with black: *thorax* hairy: *abdomen* diaphanous: *legs* black bronzed with teſtaceous ſhanks.

Cornicina. Thorax poliſhed coppery: abdomen green bronze: legs black.

Inhabits

Inhabits *Italy*; reſembles M. Cæſar.
Sides of the *lip* with a ſilvery gloſs.

**Cadaverina.* Body poliſhed: thorax blue: abdomen green.
Inhabits *Europe*. *Goed. Inſ.* 1. *tab.* 54.

Stygia. Hairy; thorax blueiſh: abdomen obſcure bronze: legs ferruginous.
Inhabits *America*; leſs than M. mortuorum.
Head brown, mouth ſubferruginous.

**Mortuorum.* Thorax black; abdomen green bronze: legs black.
Inhabits *Europe*. in carcaſſes; large.
Thorax with a few faint lines: *legs* black.

Leonina. Thorax braſſy dotted with white: abdomen blue with a white dot on the ſecond ſegment and 2 on the laſt.
Inhabits *New Holland*. In the muſeum of Sir *Joſ. Banks*.
Mouth veſicular ferruginous: *eyes* black: *thorax* with 3 white dots each ſide and 2 lines at the tip: *breaſt* with 3 white dots each ſide: *legs* black.

**Vomitoria* Thorax black; abdomen ſhining blue: front fulvous.
Inhabits *Europe*. *Reaum. Inſ.* 4. *tab.* 24. *fig.* 13—15.
Merian Europ. tab. 49. *Goed. Inſ.* 1. *tab.* 53.

Veſpillo. Hairy, blackiſh: abdomen black bronze: legs black,
Inhabits *Kiel*; half the ſize of the laſt.

Cyanea. Thorax and abdomen bright blue: legs black.
Inhabits *Africa*. In the muſeum of Sir *Joſ Banks*.
Scale of the *poiſers* milk-white: *fore-thighs* blue.

Macellaria Thorax coppery with black lines: abdomen bronzed: legs black.
Inhabits *American Iſlands*; ſize of M. Cæſar.
Thorax with 3 black lines: *wings* white.

Vulpina. Thorax black with 4 grey lines: abdomen ſubferruginous ſpotted with black.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 3. *fig.* 22.
Front black: *orbits* ſilvery: *ſcutel* black with a ferruginous margin: *tail* cinereous with 2 black dots: *wings* browniſh: *legs* black.

Nigripes.

Nigripes. Hairy black; ſides of the abdomen teſtaceous teſſellate with white.
Inhabits *Germany*; larger than M. corvina.
Head black, mouth ſilvery: *antennae* black: *wings* whitiſh, ſcale of the poiſers clear white.

Corvina. Black; abdomen teſtaceous with a black dorſal line.
Inhabits *Germany*; ſize of M. vulpina.
Head black: *orbits* ſilvery before and teſtaceous behind: *abdomen* teſtaceous varied with white and divided by a black line, beneath teſtaceous with a black tail.

Teſtacea. Cinereous; ſcutel abdomen and legs teſtaceous.
Inhabits *Germany*. *Wings* white: *antennae* black.

Pallida. Pale teſtaceous, with black tail and ends of the legs.
Inhabits *Germany*; ſize of M. teſtacea.
Body covered with black hairs: laſt ſegment of the *abdomen* brown: *legs* pale tipt with black.

Diſcolor. Thorax dull braſſy: abdomen pale, the edges of the ſegments and tail bronzed.
Inhabits *Eaſt India*.
Head gloſſy black, mouth beneath yellow, eyes cheſnut: *thorax* green-bronze with ſhort black hair, beneath golden downy: *wings* whitiſh, the tip browniſh: *legs* black.

Nebulo. Cinereous; thorax with black lines: abdomen teſtaceous with a black line down the back.
Inhabits *Eaſt India*, leſs than M. teſtacea.
Head cinereous with a black frontal line: *wings* white immaculate: *abdomen* ſlightly teſſellate with white: *legs* black.

Mactans. Teſtaceous: wings with 2 black dots, the poſterior one tranſverſe.
Inhabits *Cayenne*. *Body* hairy.

Augur. Cinereous: abdomen blueiſh, the ſides teſtaceous pellucid.
Inhabits *New Holland*. In the muſeum of Sir *Joſ. Banks*.
Head ferruginous, crown brown: *tail* changeable grey and brown: *wings* hyaline: *legs* ferruginous, the ends black.

**Canina.* Grey; thorax with 4 black dots: ſegments of the abdomen edged with black.
Inhabits *England* and *Germany*.
Thorax very hairy: *legs* teſtaceous.

Strigoſa. Hairy, cinereous: thorax with 5 black lines, the middle ones punctured: abdomen with black ſtreaks and line down the middle.
Inhabits *Kiel*; leſs than M. canina.
Mouth ſnowy: *antennae* black: *wings* white.

Plebeja. Black with rufous legs.
Inhabits *Germany*.
Head black with a changeable grey gloſs: *thorax* hairy with a cinereous line in the middle at the baſe: *ſcutel* teſtaceous: ends of the *legs* black.

Ruſtica. Grey with rufous thighs.
Inhabits *Germany*; large.

* *Tigrina.* Hairy, cinereous: tips of the thighs and ſhanks ferruginous.
Inhabits *England*; ſize of M. domeſtica.
Wings white: *tail* terminated by a ſtyle.

Meditabunda. Hairy, duſky: abdomen cinereous with 4 brown dots.
Inhabits *Italy*. *Mouth* whitiſh: *ſhanks* reddiſh.

Elata. Pale teſtaceous: wings with a brown rib and 2 dots.
Inhabits *Europe*.
Mouth veſicular white: *antennae* rufous with a black feathered briſtle: *wings* whitiſh with 2 ſpots, the hinder-one tranſverſe; the rib black.

Lupulina. Blackiſh with teſtaceous abdomen and hind-legs.
Inhabits *Zealand*; ſmall.
Antennae teſtaceous: *thorax* black with a grey gloſs: *wings* pale teſtaceous.

Ludifica. Black; thorax with faint white lines: abdomen ovate teſtaceous, the firſt ſegment and line down the middle black.
Inhabits *Kiel*; ſize of M. domeſtica.
Head black, mouth ſilvery: *wings* whitiſh.

Longipennis Black; wings yellowiſh and longer than the body.
Inhabits *Germany*; ſize of M. chorea.

Funebris. Ruſty-brown: abdomen black, the edges of the ſegments pale.

Inhabits

Inhabits *Germany*; very ſmall.
Head duſky; *orbits* ſilvery: *wings* large hyaline: *legs* teſtaceous.

Subtomentoſa. Downy; thorax ſlightly bronzed: abdomen black with 3 bands ſomething interrupted and tipt with yellow.
Inhabits *Europe*, *Muſ Lesk. p.* 130. *n.* 90.

Clavivenſtris. Brown; abdomen clavate: ſhanks yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 130. *n.* 95.

Lutea. Yellow; thorax brown with an oblong yellow ſpot each ſide beneath.
Inhabits *Europe*. *Muſ. Lesk. p.* 130. *n.* 96.

Fuſcipes. Thorax brown; abdomen yellowiſh grey: legs yellow, the ends brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 130. *n.* 97.

Alterabilis. Black; abdomen changeable grey.
Inhabits *Europe*. *Muſ. Lesk. p.* 130. *n.* 98.

Varia. Black; abdomen varied with yellow grey and black.
Inhabits *Europe*. *Muſ. Lesk. p.* 130. *n.* 99.

Melanura. Cinereous with a black tail: 4 hind-legs at the tip and ſhanks ferruginous.
Inhabits *Germany*. *Muſ. Leſk. p.* 134. *n.* 100.

Strigoſa. Teſtaceous; crown with a ferruginous dot each ſide: wings with numerous tranſverſe teſtaceous ſtreaks.
Inhabits *Europe*. *Muſ. Lesk. p.* 134. *n.* 105.

Argentata. Cinereous; thorax with 4 black lines: abdomen changeable grey: front ſilvery each ſide.
Inhabits *Europe*. *Muſ. Lesk. p.* 134. *n.* 104.

Albifrons. Black with a white front.
Inhabits *Europe*. *Reaum. Inſ* 4. *tab.* 26. *fig.* 5.

Furta. Black; wings deflected brown with a white lateral margin.
Inhabits *Upſal*, under the leaves of herbs: very ſmall.
Antennæ teſtaceous, concealed within the head. *legs* white.

Luxuriozum. Cinereous; antennæ feelers ſcutel and legs ferruginous.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 497. *n.* 929.

Tau. Black ; abdomen pale ferruginous with a black baſe and line down the middle.
Inhabits *Austria*. *Schranck. Auſt. p.* 458. *n.* 931.

Decepturia. Cinereous with rufous legs: abdomen grey-ferruginous with a black dorſal line.
Inhabits *Austria*. *Schranck. Inſ. Aust. p.* 358. *n.* 932.

**Melanotyrrha.* Downy, black: abdomen with a rufous tip.
Inhabits *England* and *Germany*. *Schaeff. Icon tab.* 10. *fig.* 6.
Front pale: *eyes* black: *ſcutel* olive: *wings* with fulvous nerves at the baſe and a large brown ſpot in the middle.

Oleæ. Brown ; thorax downy blue with 3 protuberances: tip of the ſcutel and thighs yellow.
Penchienati, Act. Turin. 1786. *p.* 595.
Inhabits the South of *France* and *Italy*.
The female depoſits her eggs in the Olive, the fruit of which the larvæ devour.

4-*maculata* Thorax black: breaſt with 2 fulvous ſpots each ſide: abdomen purpliſh-violet.
Inhabits *New Zealand*. *Act. Stockh.* 1787, 4. *n.* 2, 49.

Bimaculata Blue ; breaſt with a whitiſh ſpot each ſide: abdomen green with a blue baſe.
Inhabits *New Holland*. *Act, Stockh.* 1787, 4, *n.* 2, 51.

††. *Hair of the antennæ naked.*

**Fera.* Black ; ſides of the abdomen teſtaceous diaphanous.
Inhabits *Europe*. *Harris Engl. Inſ. tab.* 9. *fig.* 2.
Front and *mouth* buff-colour: *thorax* gloſſy-black, hairy: *abdomen* orange-brown with a broad unequal black ſtripe down the middle, the tail hairy: *wings* hyaline, the rib at the baſe gold-yellow: *legs* black, the ends yellow.

4-*fuſulata*. Hairy, black: abdomen with 2 rufous ſpots each ſide: legs black.
Inhabits *Germany*: ſize of M. lurida.
Mouth whitiſh: *ſcutel* ferruginous: *wings* whitiſh with a ſmall black dot in the middle: *legs* black.

Teſſella. Black: thorax ferruginous: ſides of the abdomen teſtaceous diaphanous and teſſellate with white.
Inhabits *Germany*: reſembles M. lucia.

Antennæ

Antennae ferruginous with a black club: *head* whitiſh, mouth teſtaceous: *thorax* hairy black with a ferruginous ſcutel: *abdomen* teſtaceous with a black dorſal ſtripe, the tail rufous: ſcale of the *poiſers* white: *wings* whitiſh, pale orange at the baſe: *legs* black, the ends rufous.

Lurida. Hairy; thorax brown: abdomen black, the ſides at the baſe and legs teſtaceous.
Inhabits *Germany*: reſembles M. fera.
Antennae ferruginous with a black club: *mouth* whitiſh: *thorax* hairy brown with a yellowiſh ſcutel: *abdomen* black, the baſe pellucid teſtaceous at the ſides which are joined by 2 black ſtreaks.

Bifaſciata. Rufous: abdomen with 2 gold bands.
Inhabits *American Iſlands*; large.
Antennae black: *mouth* white: *thorax* and *abdomen* hairy: *legs* black with ferruginous claws.

**Groſſa.* Hairy, black; wings ferruginous at the baſe.
Harris. Eng. Inſ. tab. 9. *fig.* 1. *Degeer.* 6. *tab.* 1, *fig.* 1.
Inhabits *Europe*, on horſe dung.
Front and *mouth* pale yellow: *tail* with thick black briſtles: ends of the *legs* pale orange.

Hiſtrix. Very hairy and black with a whitiſh mouth.
Inhabits *America*. *Drury. Inſ.* 1. *tab.* 45. *fig.* 7.
Body covered with long thick ſtiff hairs.

Tremula. Hairy, gloſſy black: baſe of the wings and ſcale of the poiſers ferruginous.
Inhabits *Europe*; leſs and more oblong than M. fera.

**Rotundata* Thorax black with large ferruginous ſpots: abdomen ferruginous with a black line, which in one ſex is compoſed of dots.
Inhabits *Europe*. *Harris's Engl. Inſ. tab.* 9. *fig.* 5. 6.
Abdomen in one ſex ferruginous with a black ſtripe down the middle, in the other pale with 4 black dots: *wings* hyaline with a pale gold baſe.

Puparum. Hairy blackiſh; thorax with faint white lines: abdomen with 3 white bands.
Inhabits *Kiel*; larger than M. radicum.
Antennae ferruginous with a black club: *head* white with black briſtles: *wings* whitiſh with a black dot in the middle.

**Larva.*

*Larvarum. Blackiſh; ſcutel ſubteſtaceous at the tip: abdomen teſſellate, whitiſh.
Degeer. Inſ. 1. *tab.* 11. *fig.* 23. *tab.* 1. *fig.* 7.
Depoſits its eggs in the larvæ of *Moths* and *Butter-flies*: the larva devours the garden cabbage, making the root ſtrumous, and the head lax.

Larvata. Black: abdomen ſprinkled with white and ſhining veſicles.
Inhabits *Ural. Lepech. It.* 1. *tab.* 20. *fig.* 2.

*Radicum. Blackiſh: abdomen full black with 2 cinereous bands.
Inhabits *Europe*, in gardens.

Pagana. Hairy, cinereous: thorax with brown lines; ſcutel and legs teſtaceous.
Inhabits *Denmark*.
Mouth whitiſh: *crown* grey: *antennæ* black: *wings* white, the baſe a little teſtaceous: *legs* tipt with black.

Varia. Grey; abdomen rufous varied with white and black.
Inhabits *Eaſt India*: ſize of M. radicum.
Mouth white: *antennæ* incumbent, rufous tipt with black: *tail* with long black briſtles: *wings* duſky: *legs* black.

*Braſſicaria. Thorax greeniſh: abdomen cylindrical black, the ſecond and third ſegments rufous.
Donovan. v. *tab.* 151. *fig.* 1. *Deger. Inſ.* 6. *tab.* 1. *fig.* 12.
Inhabits *Europe*, at the roots of Cabbages.
Head rufous: *wings* browniſh hyaline.

*Semiargentea. Thorax ſilvery-green: abdomen ſilvery-grey with a yellow band at the baſe.
Inhabits *England. Donovan's Eng. Inſ.* iv; *tab.* 142. *fig.* 2. 3.
Antennæ and *head* brown: *wings* hyaline: *legs* pale.

Compreſſa. Hairy, black: thorax with 3 ſilvery lines: abdomen cylindrical rufous with a black dorſal line: thighs rufous.
Inhabits *Spain*; in houſes.
Antennæ black: *front* with a ſilvery line each ſide: *wings* whitiſh, the baſe a little yellowiſh: *abdomen* compreſſed, the edges of the ſegments ſilvery: *legs* black, thighs rufous.

Napobraſſicæ. Hairy, grey with longitudinal black lines down the back and ſides.
Bierkand. Act. Stockh. 1780, 3. *n*, 4.

Inhabits

Inhabits *Sweden*, and is very deſtructive to the roots of turnips, eſpecially thoſe growing in a ſandy ſoil: *larva* white, without feet, the head pointed and tipt with black, and undergoes its tranſformation about September: *pupa* brown oblong annulate with ſegments, and becomes a perfect fly the following May.

Craſſicornis. Thorax hairy with paſe black lines: abdomen ferruginous, the tip teſſellate with black and grey.
Inhabits *American Iſlands*; large.
Head ſilvery, the crown duſky: *antennae* long incumbent black: *ſcutel* ſubferruginous: *wings* duſky: ſcale of the *poiſers* white: *legs* black.

Erinacea. Hairy, black: lip cinereous: wings white with a black rib.
Inhabits *Germany*.
Antennae oblong black: *thorax* and *abdomen* very hairy black immaculate: *ſcale* of the *poiſers* arched ſnowy: *legs* black.

Aeſtivationis. Hairy, black: wings with tranſverſe white dots.
Inhabits *Europe*. *Fn. Suec.* 1843.

Volvula. Black; abdomen cylindrical with 2 whitiſh bands in the middle
Inhabits *Italy*; ſize of M. compreſſa.
Head whitiſh with a black line on the crown: *thorax* blackiſh and ſlightly teſſellate: *abdomen* very hairy.

**Lateralis.* Black; abdomen red with a black tip and ſtriate down the middle,
Donovan. i. *tab.* 31. *fig.* 3. *Degeer. Inſ.* 6. *tab.* 1. *fig.* 9.
Inhabits *Europe*; ſize of M. domeſtica. *Mouth* white.

Albifrons. Hairy, black: abdomen teſſellate, the baſe ferruginous each ſide.
Inhabits *Denmark*. *Abdomen* ſubcylindrical.

**Canicularis.* Blackiſh: ſecond ſegments of the abdomen and ſides of the third diaphanous.
Inhabits *Europe*, in ſwarms under the ſhade of trees.
Half the ſize of M. domeſtica. *Front* ſilvery.

**Pluvialis.* Cinereous; thorax with 5 black ſpots: abdomen with obſolete ſpots.
Inhabits *Europe*, and appears in ſwarms before rain.

Subſultans Entirely black with hyaline wings: hind-thighs formed for ſkipping.
Inhabits *Europe*; ſmall, and flies by ſkipping.

Chorea. Black with white wings.
Inhabits *Germany*; reſembles M. roralis.

Labiata. Hairy, blackiſh with a ſhining ſilvery lip: wings white immaculate.
Inhabits *Germany*; ſkips like M. ſubſultans.
Legs black: ſcale of the *poiſers* arched and ſnowy.

Verna. Cinereous: abdomen with 2 ſtreaks of black dots.
Inhabits *France*. *Body* ſmall, hairy.
Wings white immaculate: *ſhanks* teſtaceous.

Roralis Deep black; wings whitiſh at the tip.
Inhabits *Europe*; ſmall.
Antennae very ſhort incumbent: *abdomen* hairy, the poiſers black.

Feneſtralis Glabrous, black: abdomen rugged above with white ſtreaks: wings brown.
Inhabits *Europe*. *Legs* black, hind-ones long.

Rugoſa. Glabrous, black: abdomen rugged and immaculate above: wings brown.
Inhabits *Kiel*; larger than the laſt.
Legs black with ferruginous tarſi.

Senilis. Glabrous, black; abdomen rugged and immaculate above; wings white; legs teſtaceous.
Inhabits *Germany*. *Head* and *thorax* naked.

Serrata. Cinereous; rib of the wings ſerrate with ſhort hairs: abdomen and legs ferruginous.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 1. *fig.* 15.

Nigricornis Cinereous; ſegments of the abdomen tipt with black.
Inhabits *Eaſt India*; ſize of M. domeſtica.
Head ſnowy, mouth fringed: *thorax* with faint black lines: *ſcutel* brown with a cinereous margin: *wings* white hyaline: *legs* black.

Cinerea. Hairy, cinereous: antennæ and legs blackiſh.
Inhabits *Eaſt India*: ſize of the laſt.

Probeſis-

Proboscis tipt with black; scales of the *poisers* snowy: *wings* whitish: *legs* dusky with black tarsi.

Scalaris. Black: abdomen cinereous with 5 black bands connected by a line down the middle.
Inhabits *Germany*: a little larger than M. teralis.
Orbits silvery: *wings* white: *legs* black.

4 maculata Hairy, black: tip of the abdomen with 4 grey dots.
Inhabits *Kiel*: larger than M. cellaris
Head black with a white mouth. *scutel* raised: scales of the *poisers* large white: *wings* whitish.

**Cellaris.* Black: abdomen paler: eyes ferruginous.
Inhabits Wine Vaults. *Reaum. Inf* 5. *tab.* 8. *fig.* 7, 11, 12.

Cylindricornis. Antennæ long cylindrical; body hairy black with yellowish wings.
Inhabits *France*; less than M. cellaris.
Last joint of the *antennae* cylindrical, nearly as long as the thorax, with a long whitish hair: *tarsi* yellowish.

Ciliata. Hairy, black: segments of the abdomen blueish at the base.
Inhabits *Europe*; size of M. meteorica.
Head black; sides of the *mouth* silvery with a black line: *wings* cinereous hyaline: scales of the *poisers* fringed white.

**Meteorica* Black: abdomen pale grey: wings yellowish at the base.
Inhabits *Europe*. *Degeer. Inf.* 6. *tab.* 5. *fig.* 1.
Swarms about before showers of rain.

Atrata. Naked, shining black: wings hyaline: joints of the legs testaceous.
Inhabits *Germany*; small.
Head subglobular black: *eyes* testaceous: *wings* hyaline.

**Frit.* Black; poisers ends of the hind-legs and abdomen pale greenish.
Inhabits *Europe*: about the size of a flea.
The *larva* is found in the ear of barley and other grain, to which it is so exceedingly destructive, that in one year the value of 100,000 Ducats has been destroyed.

**Pumilionis* Black, beneath yellow: head and 2 lines on the thorax yellow: poisers white: legs cinereous tipt with black.

Inhabits *Europe*. *Linn. Tranſ.* ii. *p.* 76. *tab.* 15.
The *larva* is found, early in the ſpring, in the centre of green wheat and rye, which it blights by ſtopping its growth and rendering it abortive; *head* pointed and tipt with black: *body* white, compoſed of 10 rings.

Leprat. Shining-black: antennæ and legs white; eyes reddiſh-gold.
Inhabits *America*: and breeds in the legs of the natives afflicted with the Elephantiaſis: ſmaller than a louſe.

**Putris.* Black; wings white with a black rib.
Inhabits *Europe*. *Mer. Eur. tab.* 43. *fig.* 83. *Frisch. Inſ* 1. *t.* 7.
The *larva* is the troubleſome magot found in cheeſe bacon hams &c. ſo well known to the houſe-wife under the name of the hopper.

Aterrima. Silky-black: wings white with a double black rib half way down; legs long compreſſed.
Inhabits *France*; ſize of M. putris.

Manicata. Black; abdomen with pale marginal ſpots: fore-thighs thickened.
Inhabits *France*; larger than *M.* cellaris.
Head brown, mouth grey: *wings* hyaline.

Strigula. Thorax with 2 pale lines; abdomen black, the ſegments with ſnowy edges.
Inhabits *France*: ſize of M. roralis.
Head cinereous with a black crown: *antennae* projecting compreſſed, black with a white hair: *ſcutel* black with a whitiſh dot at the tip: *breaſt* yellowiſh: *wings* immaculate: *legs* black.

**Cupraria.* Body glaucous-bronze: thorax green: abdomen coppery: poiſers naked.
Inhabits *Europe*. *Degeer. Inſ* 4. *tab.* 12. *fig.* 4.
Reaum. Inſ 4. *tab.* 22. *fig.* 7 8. *Schaeff. Icon. t.* 209. *f.* 32.
Legs black, and very rarely yellow.

**Aurata.* Thorax poliſhed, braſſy or greeniſh: abdomen poliſhed, obtuſe, browniſh-gold.
Inhabits *Europe*. *Donovan's. Eng. Inſ.* iv. *tab.* 142. *fig.* 1.
Head black: ſegments of the *abdomen* blackiſh at the inciſures: *wings* duſky: *abdomen* ſometimes blue.

Æneæ

Ærea. Shining green-bronze : head and legs teſtaceous.
Inhabits *Eaſt India* ; larger than M. polita.
Head ferruginous with a black proboſcis and tranſverſe ſpot above the mouth : *antennæ* teſtaceous ; *abdomen* bronzed, the back and tail ſhining blue : *legs* teſtaceous, fore-thighs with a black ring, ſhanks black, tarſi white at the baſe and tipt with black.

**Polita.* Poliſhed ; thorax blue : abdomen braſſy : poiſers naked.
Inhabits *Europe*. *Poiſers* and *legs* yellow.

**Viduata.* Black-bronze: abdomen braſſy : ſcales of the poiſers fringed.
Inhabits *Europe*, in Gardens.

Pubera. Black ; laſt ſegment of the abdomen incurved, with reflected down each ſide.
Inhabits *Europe*.
Head hairy black, mouth whitiſh : *thorax* black ſubteſſellate : *abdomen* long, thin, enlarged at the tip.

Faſciata. Teſtaceous with a black abdomen : wings brown at the tip with a white band : legs long.
Inhabits *American Iſlands*. *Body* narrow.
Wings white at the baſe : *hind-legs* very long and black, the thighs with a pale belt at the tip, tarſi with a ſnowy belt at the baſe.
2. Head and thorax black.

**Petronella* Livid : front red ; legs long teſtaceous with black joints.
Inhabits *Europe*, on the ſurface of waters.

Cylindrica. Gloſſy-black: head globular with teſtaceous eyes ; legs long yellowiſh.
Inhabits *Germany*; ſize of the laſt.
Antennæ ſmall teſtaceous with a black hair : *thorax* naked thin : *abdomen* ovate, with teſtaceous ſpots beneath at the baſe: *wings* white.

Filiformis. Body filiform black : head ovate with red eyes: legs very long and teſtaceous.
Inhabits *Germany* Very long and narrow.
Segments of the *abdomen* whitiſh at the edges : *legs* teſtaceous, the joints and tarſi black : *wings* white immaculate.

Tipularia. Body long black: head and legs teſtaceous: wings tipt with brown.
Inhabits *Barbary*: ſize of M. petronella.
Head pale teſtaceous with a ſcarlet crown.

Petiolata. Hairy, black: abdomen petiole compreſſed: wings black.
Inhabits *Cayenne*: ſize of M. compreſſa. *Fabric.* iv. *p.* 337.
Head black with a white mouth and reddiſh eyes: *poiſers* snowy: *abdomen* long black, the ſegments a little whitiſh at the edges: *legs* black.

Ephippium. Body long black: thorax rufous: legs teſtaceous.
Inhabits *France*; leſs than M. petronella.
Head globular: *antennæ* yellowiſh with a whitiſh hair: *thorax* naked: *wings* hyaline: *hind thighs* with a brown ring.

Elongata. Teſtaceous: legs long, hind-ſhanks black, the ends whitiſh.
Inhabits *Sierra Leona*; larger than M. petronella.
Eyes large brown; *wings* hyaline.

Longipes. Black: wings brown with a white band at the baſe and dots: legs long teſtaceous.
Inhabits *Cayenne*.
Head globular: *abdomen* long cylindrical, the tip incurved and hooked: 4 *hind-legs* white before the tip.

Annulata. Black; wings hyaline with a brown band: legs long black, hind thighs with 2 white rings.
Inhabits *Cayenne*.
Orbits a little teſtaceous: *thorax* black with a blue gloſs: *wings* wtth a brown patch at the tip.

Criſtata. Hairy, cinereous: abdomen and legs pale: front ferruginous clavate and projecting beyond the antennæ.
Inhabits *Barbary*
Antennæ compreſſed and tipt with black; *abdomen* with a darker line down the back: *wings* white.

Corrigiolata. Black with long yellow legs, thighs with a black ring.
Inhabits *Denmark*; about ſtagnant ditches.

Curſitans. Black with long pale legs: wings incumbent white.
Inhabits *England*, on trees and walls: reſembles a Cimex, and runs with great velocity, but ſeldom flies.
Antennæ cylindrical pale with a long black hair: *body* black with with a ſharp ſtyle at the tail: *wings* incumbent.

Cimicoides.

Cimicoides. Black: wings incumbent white with 2 black bands.
Inhabits *Denmark*, on trees: reſembles a Cimex.
The 14 laſt ſpecies are diſtinguiſhed from the reſt by a globular head with prominent rounded eyes, and a linear body with long legs.

Pallipes. Shining bronze: abdomen with 2 yellowiſh dots at the baſe; legs yellowiſh.
Inhabits *Germany*; very ſmall.
Head cinereous with a bronzed crown and dot between the eyes: *wings* hyaline: *legs* pale teſtaceous tipt with black.

**Ungulata.* Braſſy-green: tail hooked: legs long livid.
Degeer. Inſ 6. *tab.* 11. *fig.* 19, 20.
Inhabits *Europe*, about waters.

**Nobilitata* Braſſy-green: tail hooked: wings with a black ſpot tipt with white.
Inhabits *Europe*, in gardens. *Schaeff. Icon. tab.* 206. *fig.* 5.

Equeſtris. Braſſy-green: abdomen with 5 black bands; tail hooked: wings white with a brown ſpot.
Inhabits *Braſil.* In the muſeum of Sir *Joſ. Banks.*

**Notata.* Hairy: thorax brown with 4 greeniſh lines: abdomen bronzed: wings clouded with brown with a black dot.
Inhabits *England.*
Abdomen ſhort obtuſe ovate: *legs* long black: *wings* a little teſtaceous at the baſe near the rib.

Glabrata. Shining black-bronze: head black: antennæ teſtaceous.
Inhabits *France*: ſize of M. ungulata.
Poiſers yellow: *wings* white: *fore legs* black, hind-ones teſtaceous with black thighs.

Nigripes. Shining braſſy: antennæ and legs black; wings white immaculate.
Inhabits *France*; very ſmall.
Thorax and *abdomen* hairy: *legs* black.

Arrogans. Hairy, black: wings brown with 3 white bands.
Inhabits *Europe.*

Longicornis. Antennæ long: body hairy, ſhining bronze: abdomen darker.

Inhabits

Inhabits *American Iſlands*; ſmall.
Antennae hairy, with a ſingle briſtle nearly as long as the body: *body* green-bronze with black legs: *wings* hyaline: *tail* hooked.

Roſtrata. Body bronzed: abdomen with black bands: mouth horny prominent black.
Inhabits *Germany*; ſize of M. ungulata.
Head triangular green-bronze: *thorax* with faint lines: *abdomen* in one ſex hooked: *legs* long teſtaceous.

4-*faſciata.* Pale with 4 black bands on the abdomen: wings white.
Inhabits *Germany*; a little leſs than the laſt.

Ferruginea. Ferruginous; wings white with a ferruginous rib and ſtreak.
Inhabits *Eaſt India.*
Head with a black dot each ſide above the mouth: *abdomne* ovate with a black dorſal line, the ſecond ſegment black at the baſe: all the *legs* ferruginous.

Hyſtrionica. Cinereous with a ferruginous head: abdomen cylindrical black with a whitiſh baſe: wings with a black ſpot at the tip.
Inhabits *Eaſt India.*
Head with a black ſpot on the crown: *thorax* cinereous, the fore-margin black each ſide, the ſides and ſhort line in the middle ferruginous: *ſcutel* whitiſh.

Suilla. Teſtaceous; ſegments of the abdomen edged with black: wings with 2 black dots.
Inhabits *Germany*; reſembles M. lutaria.
Head yellowiſh: *antennae* ferruginous with a black hair: *wings* white with a black dot in the middle and ſhort line behind.

Flaveola. Hairy, teſtaceous: abdomen downy tipt with brown.
Inhabits *Germany*; ſize of M. ſcybalaria.
Head teſtaceous: *antennae* brown: *wings* white.

Furcata. Hairy, duſky: ſcutel projecting and forked.
Inhabits *France.*
Mouth whitiſh: *antennæ* compreſſed ſhort: *thorax* hairy: *ſcutel* with 2 projecting ſpines nearly as long as the abdomen: *wings* immaculate: *legs* hairy teſtaceous.

Oratoria. Teſtaceous; abdomen pale, the ſegments edged with black: wings with 3 or 4 brown dots.

Inhabits

Inhabits *Barbary*; ſize of M. ſcybalaria.
Head and *thorax* hairy, pale teſtaceous.

Merdaria. Hairy, cinereous with rufous ſhanks: wings white with a brown dot.
Inhabits *Kiel.*
Mouth whitiſh: *crown* black with a reddiſh ſpot: *antennae* black: *abdomen* flat hairy.

Lutaria. Grey; abdomen brown: tail and legs ferruginous.
Inhabits *Kiel.*
Mouth whitiſh: *antennae* rufous: *abdomen* beneath and at the ſides brown: *wings* yellowiſh with a ſmall brown nerve in the middle and a larger one towarde the tip.

Livens. Livid, with a ferruginous ſpot on the front: joints of the legs ferruginous.
Inhabits *Denmark*; ſize of M. ſcybalaria.
Mouth white: *front* yellowiſh with a red ſpot behind the antennæ: *thorax* and *abdomen* naked.

**Cucularia* Thorax grey: abdomen ferruginous: wings with 3 dots.
Inhabits *Europe*. *Antennæ* with a ſnowy hair.

**Scybalaria.* Hairy; dull ferruginous: wings yellowiſh with a darker dot.
Inhabits *Europe*, on dung.

**Stercoraria.* Grey, hairy: wings with a dark dot: legs rufous.
Inhabits *Europe*. *Reaum. Inſ.* 4. *tab.* 27. *fig.* 1—3.

Marginata. Dull lead-colour: wings reticulate with a black rib:
Inhabits *Saxony*; ſize of the laſt.
Mouth veſicular white: *antennae* brown with a long white hair: *wings* reticulate with white dots, the rib black.

**Fimetaria* Antennæ ſlightly feathered: body glabrous ferruginous: wings immaculate.
Inhabits *Europe*, on dung.

Nigripennis Thorax cinereous: abdomen wings and legs black.
Inhabits *France*; ſize of the laſt.
Mouth whitiſh: *antennæ* ferruginous: *head* with a ferruginous ſpot above the antennæ: *abdomen* paler at the bafe.

Ruffrons. Cinereous; head ferruginous with 2 black dots: rib of the wings black.

Inhabits

Inhabits *Italy*; ſize of M. marginata.
Mouth veſicular white: *antennæ* rufous with a black margin all round and projecting white hairs: *wings* whitiſh with black dots: *legs* rufous.

Graminum. Front impreſſed, fulvous: wings clouded, with 2 dots, the hinder one linear and tranſverſe.
Inhabits *France*; ſize of M. rufifrons.
Antennæ long ferruginous with a white hair: *head* under the antennæ yellowiſh with 3 black dots each ſide; above grey with an impreſſed fulvous front: *thorax* hairy cinereous with black lines: *abdomen* cinereous with a black tail: *legs* teſtaceous.

Cincta. Cinereous; head and legs teſtaceous: wings clouded, with a black rib.
Inhabits *Denmark*; half the ſize of M. marginata.
Antennæ teſtaceous: *tail* ſubteſtaceous: *wings* grey clouded with brown.

Reticulata. Hairy, cinereous: wings faintly reticulate, the rib dotted with white and black.
Inhabits *Italy*; ſize of M. ſimetaria.
Head and *antennæ* rufous: *mouth* ſnowy.

Contigua. Teſtaceous; wings white with 3 black dots united to the rib and a ſingle diſtinct one.
Inhabits *Braſil.*
Mouth whitiſh: *thorax* hairy: *legs* teſtaceous.

Punctata. Cinereous with rufous legs: wings white with rows of black dots between the nerves
Inhabits *Kiel*; half the ſize of M. domeſtica.
Mouth whitiſh: *body* greyiſh.

Umbraculata. Brown; thorax with faint ferruginous lines: breaſt and legs teſtaceous.
Inhabits *France*; ſmall.
Antennæ ferruginous tipt with black: *head* ferruginous with a black dot on the crown: *wings* hyaline.

Pennipes. Hairy; abdomen rufous: wings black with a ferruginous ſpot and white hind-margin.
Inhabits *North America*: ſize of M. domeſtica.
Head black with a white mouth: *thorax* black with yellow lines and ſtreaks before: *abdomen* ovate.

Lugens.

Lugens. Thorax with yellow lines: abdomen blue: wings black with 2 white bands which are bifid at the outſide.
Inhabits *Sierra Leona*; ſmall.
Head ferruginous with 2 yellow dorſal lines: *abdomen* rounded blue with a yellow ſpot at the baſe: *wings* large black with a white ſpot at the baſe, behind which, are 2 bands and 2 dots at the inner margin, one between the bands, the other towards the tip: *body* beneath and *legs* yellow.

Merens. Hairy, black: thorax with white lines: wings long black with a white line at the baſe and 3 bands, the firſt of which is bifid.
Inhabits *Guinea*; large.
Mouth white with black ſides: *antennae* ferruginous: *thorax* black with 3 faint white lines: *abdomen* ovate blue immaculate: *fore legs* black; middle-ones black, the thighs white at the baſe; hind-ones white with black joints.

Olea. Thorax greyiſh: abdomen conic ferruginous, the ſides ſpotted with black.
Inhabits *Italy*; the larva in the fruit of the olive.
Head yellowiſh with 2 black dots above the mouth: *thorax* with faint black lines: *abdomen* with 3 black dots each ſide: *wings* hyaline; *legs* yellow.

Clavata. Teſtaceous; abdomen brown, the ſegments pale at the baſe, and terminated by a clavate ſtyle.
Inhabits *Kiel*; ſmall.
Antennae and *thorax* hairy: *wings* large whitiſh.

Parietina. Cinereous; wings brown ſpotted and dotted with white: front teſtaceous.
Inhabits *Europe*.

Diſcoidea. Black; wings with white dots and marginal lines: head and legs teſtaceous.
Inhabits *Denmark*; large.
Eyes, *thorax* and *abdomen* black immaculate.

Conjexa. Abdomen cylindrical black: wings white with 3 black bands, the third connected with a ſpot at the tip.
Inhabits *France*; large.
Head ferruginous with a black line on the crown: *thorax* black before, behind and ſcutel ferruginous: *breaſt* and *legs* yellow.

*Umbrarum. Cinereous; abdomen with black bands: wings brown ſpotted with white.
Inhabits *Europe*, on flowers.

* *Vibrans.*

**Vibrans.* Wings hyaline tipt with black: head red.
Degeer. Inſ. 6, 32. 11. *tab.* 1. *fig.* 19.
Inhabits *Europe*, and is continually agitating the wings.

Punctum. Wings with a black lateral dot at the tip: abdomen bronzed.
Inhabits *France*, in moiſt ſhady places.
Head blackiſh: *antennae* dull ferruginous: *thorax* hairy black: firſt ſegment of the *abdomen* funnel-ſhaped and ferruginous: *pedes* yellow: *legs* rufous.

**Cynipſea.* Wings with a lateral black dot at the tip: abdomen cylindrical.
Inhabits *Europe*, and has a fragrant ſmell.

**Groſſificationis.* Deep black; wings blackiſh tipt with white.
Inhabits *Europe*, in ſhruqberies.

Artemiſiae. Yellow; wings white with 5 marginal black ſpots.
Inhabits *Denmark*, on the Artemiſia vulgaris.
Under the *ſcutel* are 2 large black ſpots: *wings* white with 2 oppoſite pair of black ſpots in the middle and a large curve at the tip.

Combinata. Yellowiſh: abdomen black: wings with 2 black dots at the tip.
Inhabits *Europe*, on flowers.
Wings white with a dot on the thin edge and at the tip.

Florum. Yellow; wings hyaline with 3 black dots on the diſk, the middle one tranſverſe, and a black curve at the tip.
Inhabits *Italy*; larger than the laſt.

Erythrocephala. Grey-brown; head rufous with a black dot on the crown.
Inhabits *Sweden*, on flowers: ſmall.
Wings white with a black dot and tranſverſe line: *legs* black.

Arnicae. Teſtaceous; wings cinereous with deep black marginal ſpots and faint brown dots.
Inhabits *Europe*, on flowers.
The laſt ſpot on the *wings* is terminal.

Pulchella. Hairy, cinereous: diſk of the wings yellowiſh-brown with a flexuous white hyaline fillet.
Inhabits *Italy*. *Fn. Etruſc.* 2. *tab.* 8. *fig.* 6, bad.
Antennae teſtaceous with a black hair: *ſcutel* teſtaceous tipt with black: *abdomen* cinereous with a teſtaceous tail. *eyes* teſtaceous.

* *Stylata.*

*Stylata. Cinereous; abdomen black: wings white with 2 brown approximate dots and a curve at the tip.
Inhabits *England*, in woods and meadows.
Antennæ ferruginous: *front* yellow, the crown cinereous: *thorax* hairy cinereous with a yellow lateral line: *fcutel* and *poiſers* yellow: *abdomen* oblong black, terminated by a ſtyle as long as the body: *legs* ferruginous.

*Ruficauda. Cinereous; wings white with 3 coſtal black ſpots: ſtyle at the end of the tail rufous with 3 black dots.
Inhabits *France*; reſembles the laſt.
Head yellowiſh: *thorax* cinereous with a yellow ſcutel: *ſtyle* rufous with 2 dots at the baſe and one at the tip: *legs* yellow.

*Arcuata. Teſtaceous; wings with 2 black ſpots and curve at the tip.
Inhabits *Germany*; reſembles M. ſtylata.
Head teſtaceous with a ferruginous front: *abdomen* with a ſhort thick obtuſe ſtyle: tip of the *wings* black with a ſmall white dot.

*Umbellatarum. Cinereous with ferruginous legs: wings white with tranſverſe brown ſpots and tip.
Inhabits *England*. *Degeer. Inſ.* 6. *tab.* 2. *fig.* 17, 18.?
Head whitiſh: *antennae* rufous: *tail* reddiſh with a black ſtyle.

*Heraclei. Cinereous; wings white with brown dots 2 bands and line at the baſe.
Inhabits *Kiel*; ſize of the laſt.
Head whitiſh: *antennae* ferruginous: *tail* with a long ſtyle reddiſh in the middle: *legs* teſtaceous.

*Dorſalis. Wings white with a few black dots: thorax cinereous: abdomen rufous with a black dorſal line.
Inhabits meadows of *Bohemia*.
Mouth white: *antennae* rufous: *legs* rufous, black at the ends.

*Seminationis. Wings black with cinereous ſpecks: abdomen yellow at the baſe beneath.
Inhabits meadows of *Leipſick*; ſize of M. domeſtica.
Body entirely grey or brown with minute grey ſpecks.

*Picta. Brown; wings black with 2 oppoſite white ſpots each ſide and 2 white dots between them.
Inhabits *North America*.
Head and *thorax* ruſty-brown: *wings* a little ferruginous at the baſe: *legs* piceous.

Vittata. Hairy, black: head marginal ſtreak on the thorax ſcutel and ſhanks yellow: wings with a white band.
Inhabits *Guinea.*
Head yellow: *antennæ* black; *abdomen* curved tapering: *wings* black with an abbreviated white band: *legs* yellow. *thighs* black.

**Flava.* Yellow: antennæ with a black dot at the tip.
Inhabits *Europe:* varies in ſize.

**4-punctata.* Yellow with 4 black dots on the abdomen.
Inhabits *Europe.* Dots on the *abdomen* remote.

**Æſtuans.* Wings hooked white with a blackiſh central dot.
Inhabits *Europe,* on flowers.

Lineata. Black with yellow lines on the thorax: ſcutel and *body* beneath yellow.
Inhabits *Europe,* in ears of barley, which it renders ſteril.
Head yellow with a black crown: *wings* immaculate.

Roſæ. Braſſy-black; head rufous: legs teſtaceous.
Inhabits *Kiel*; on flowers: ſmall. *Wings* hyaline.

**Serratulae* Wings white: thorax greeniſh: abdomen cinereous with 4 lines of black dots.
Inhabits *Europe,* on thiſtles.

**Germinationis.* Wings white with a black margin and ſpots.
Inhabits *Europe,* under leaves of trees.
Thorax cinereous: *abdomen* black, ending in a ſtyle.

**Urticae.* Black, wings white with a terminal brown dot and 3 diſtinct bands.
Inhabits *Europe,* on the Nettle. *Front* ferruginous.

Craſſipennis. Cinereous; abdomen with black bands: wings milk-white with 4 abbreviated black bands.
Inhabits *Germany:* ſize of the laſt.
Head whitiſh: *antennae* ferruginous with a black hair: *wings* rather thick with 4 bands, 1, 2, at the thicker margin, 3 at the thinner, 4 terminal: *legs* black, ſhanks ſubteſtaceous.

Cornuta. Antennæ projecting ſpinous and 1-toothed beneath; *body* grey: wings white with 4 brown bands.
Inhabits *Germany;* ſize of M. tuſſilago.

Head

Heaa pale teſtaceous with 2 horns connected to the antennæ and bent with rigid briſtles: *thorax* hairy cinereous: *abdomen* darker, the edges of the ſegments ſubferruginous; *legs* teſtaceous.

Dauci. Wings white with 4 diſtinct black bands: ſcutel and legs teſtaceous.
Inhabits *Sweden*: leſs than M. Urticæ.
Abdomen black with a long ſtyle.

**Ceraſi.* Wings white with unequal brown bands: the lower-ones connected outwardly.
Reaum; *Inſ.* 2. *tab.* 38. *fig.* 22, 23. *Blanck, t.* 16. *fig.* L.
Inhabits *Europe*, in the kernels of Cherries.
Body black: *front* teſtaceous.

Annonæ. Blue; wings white with 4 black bands, the lower-ones connected outwardly.
Inhabits *American Iſlands*; ſmall.
Front fulvous: *crown* blue: *legs* black.

Crax. Cinereous: wings white with 3 unequal black bands: legs teſtaceous.
Inhabits *Eaſt India*: ſize of M. Urticæ.
Abdomen varied with cinereous and black and ending in a long ſtyle: *wings* with 3 bands at the baſe.

**Cardui.* Black; wings white with a flexuous brown band.
Reaum. Inſ. 3. *tab.* 45. *fig.* 12—14. *Blanck. t.* 16. *f.* T.
Inhabits *Europe*, in the flowers of Thiſtles.

Syngeneſiae. Black: wings white with 3 abbreviated black bands and ſpot at the tip.
Inhabits *Germany*; ſmall.

Tuſſilaginis. Yellow; wings white with 4 brown bands.
Inhabits *Denmark*, on flowers.
Abdomen cinereous with a ferruginous ſtyle tipt with black.

Furcata. Cinereous with a teſtaceous tail: wings brown dotted with white.
Inhabits *American Iſlands*; ſmall. *Eyes* green.

**Solſtitialis* Wings white with 4 connected black bands: ſcutel yellow.
Inhabits *Europe*. *Donovan'. Eng. Inſ.* ix. *tab.* 294.

Head.

Head pale : *body* blueiſh-black : *abdomen* ending in a long ſtyle : *wings* with a brown outer margin connecting the 4 bands : *legs* yellow, thighs black.

Coſtalis. Blue : wings white with 2 black coſtal ſpots.
Inhrbits *South American Iſlands*; ſmall.
Mouth greyiſh ; *crown* ferruginous : *abdomen* ending in a long ſetaceous ſtyle : *legs* black.

Lychnidis. Black with yellow head and legs : wings black, the border ſtreaked with white
Inhabits *Kiel.*

**Onopordinis.* Ferruginous with a yellowiſh ſcutel : wings with brown marks and tip.
Inhabits *Europe. Donovan's. Eng. Inſ.* ii. *tab.* 62.
Head and *legs* pale : *ſcutel* clavate.

Centaureae Black; head and legs yellow: wings with brown marks and tip.
Inhabits *Kiel*; reſembles the laſt.
Head whitiſh : *antennæ* yellow : *thorax* black with a yellow lateral margin : *legs* yellow.

Scabioſae. Yellow : diſk of the wings ſinuate brown and dotted with white.
Inhabits *France* ; large.
Abdomen yellowiſh, each ſegment with 2 black dorſal dots; *ſtyle* exterted rufous : *tip* of the *wings* brown.

**Hieracii.* Wings brown varied with white, on the thicker margin 3 black ſpots with a white pupil.
Inhabits *England*, on flowers.
Body grey with a few ſmall brown dots : *thorax* grey with 2 brown dots on the ſhoulders, 4 in the middle and 2 behind : *abdomen* grey with 4 black bands, the 2 firſt interrupted : *legs* yellow.

Minuta. Yellow : thorax black on the back : abdomen with 2 black ſtreaks and 2 dots behind.
Inhabits *Kiel*; very ſmall.

Æquinoctialis. Glabrous, black : head teſtaceous ; eyes cheſnut-brown : legs long.
Inhabits *South America.* *Body* long narrow.

Cibaria

Cibaria. Smooth with raiſed ſtemmata: abdomen cinereous hooked: legs long.
Inhabits *Europe*, in Kitchens. *Fn. Suec.* 1859.

Terreſtris. Brown; thorax with a brown dot without the lines: abdomen ſtriate beneath.
Inhabits *Sweden*; feeds on the ground.

Saltuum. Wings white with a brown rib and terminal dot: body yellow: head blackiſh behind.
Inhabits *Europe*. *Fn. Suec.* 1866.

Arnicae. Wings hooked grey ſpotted with black.
Inhabits *Europe*, on the diſk of radiate flowers, particularly the Arnica Montana. *Aldrov. Inſ. tab.* 1. *fig.* 5.

Sonchi. Wings hyaline with a black marginal ſpot: eyes green.
Inhabits *Europe*, on the receptacles of the Sonchus arvenſis.
Thorax brown with a paler ſcutel: *abdomen* ovate black beneath green, the edges of the ſegments whitiſh, tail with an obtuſe ſtyle: *wings* with 2 anaſtomoſing brown nerves: *legs* teſtaceous.

Subcutanea. Wings white with flexuous brown bands: eyes green.
Inhabits *Europe*, under the leaves of the Heracleum.
Muſca Heraclii. *Fn. Suec.* 1877.

Ruſiventris Thorax cinereous: abdomen rufous with a black ſpot at the baſe: wings yellowiſh at the baſe with 2 brown ſpots and brown hind-margin.
Inhabits *Europe*. *Muſ. Leſk. p.* 131. *n.* 108.

Setoſa. Black: abdomen briſtly, with a pale ſpot each ſide at the baſe.
Inhabits *Europe*, *Muſ. Leſk. p.* 131. *n*, 112.

Verſipellis. Black; 3 firſt ſegments of the abdomen each ſide changeable reddiſh-grey.
Inhabits *Europe*. *Muſ. Leſk. p.* 131. *n.* 113.

Pulla. Black; abdomen glabrous greeniſh-black.
Inhabits *Europe*. *Muſ. Leſk. p.* 131. *n*, 114.

Brunnea. Entirely chefnut-brown.
Inhabits *Europe*. *Muſ. Leſk. p.* 131. *n.* 118.

Nigri-

Nigripilis. Cinereous with black briſtles: legs teſtaceous, black at the ends:
Inhabits *Europe.* *Muſ. Lesk. p.* 131. *p.* 119.

Nigripes. Cinereous; wings yellowiſh at the baſe: legs black.
Inhabits *Europe.* *Muſ. Lesk, p.* 131. *n.* 120.

Tibialis. Cinereous; front tip of the thighs and ſhanks teſtaceous.
Inhabits *Europe.* *Muſ. Lesk. p.* 131. *n.* 123.

Verſicolor. Black with a changeable grey gloſs.
Inhabits *Europe.* *Muſ. Lesk. p.* 131. *n.* 124. 131.

Picea. Piceous, glabrous: legs black.
Inhabits *Europe.* *Muſ. Lesk. p.* 131. *n.* 125.

Craſſipes. Black, rough: thighs thick.
Inhabits *Europe.* *Muſ Lesk. p.* 131. *n.* 126.

Leucoſticta. Black; wings with numerous white dots.
Inhabits *Europe.* *Muſ. Lesk. p.* 131. *n.* 121.

Ruficapilla. Cinereous with a rufous crown and teſtaceous ſhanks.
Inhabits *Europe.* *Muſ. Lesk. p.* 131. *n.* 130.

Ochroptera. Black: front white: wings yellowiſh: ſhanks ferruginous.
Inhabits *Europe.* *Muſ. Lesk. p.* 131. *n.* 132.

Subulata. Piceous: abdomen ſubulate: wings with a ferruginous ſpot: ſhanks pale.
Inhabits *Europe.* *Muſ. Lesk. p.* 132. *n.* 134.

Conica. Cinereous: abdomen conic: legs brown-teſtaceous.
Inhabits *Europe.* *Muſ. Lesk. p.* 132. *n.* 135.

Abrupta. Cinereous: wings with 3 abrupt teſtaceous bands.
Inhabits *Europe.* *Muſ. Lesk. p.* 132. *n.* 136.

Chryſocephala. Crown ferruginous: back of the thorax and linear abdomen black; wings white with 2 brown bands, the tip brown with a white ſpot.
Inhabits *Europe.* *Muſ. Lesk. p* 132. *n.* 137.

Flaveſcens. Yellowiſh-grey with a ferruginous crown: head and legs yellow; wings white with 4 yellow bands.
Inhabits *Europe,* *Muſ. Lesk. p.* 132. *n.* 140.

Leuco-

Leucopis. Blackiſh with a white face: tip of the ſcutel ſubteſtaceous: abdomen changeable grey.
Inhabits *Europe*. *Muſ. Lesk. p.* 132. *n.* 141.

Cylindrica. Blackiſh: abdomen cylindrical changeable grey.
Inhabits *Europe*. *Muſ. Leſk. p.* 132. *n.* 142.

Teres. Piceous, glabrous, cylindrical: legs yellow.
Inhabits *Europe*. *Muſ. Lesk. p.* 132. *n.* 143.

Seticornis Reddiſh-brown with brown eyes and wings.
Inhabits *Europe*. *Muſ. Lesk. p.* 132. *n.* 146.

Sordida. Black; wings browniſh with hyaline thinner margins.
Inhabits *Europe*. *Muſ. Lesk. p.* 132. *n.* 147.

Tricolor. Cinereous: wings brown: legs black.
Inhabits *Europe*. *Muſ. Lesk p.* 132. *n.* 148.

Depreſſa. Brown with ferruginous legs; abdomen depreſſed.
Inhabits *Europe*. *Muſ. Lesk. p.* 132. *n.* 151.

Quadricolor Poliſhed: thorax blue: abdomen green: thighs black, the tip and ſhanks yellow
Inhabits *Europe*. *Muſ. Lesk. p.* 132. *n.* 152.

Squalida. Blackiſh; abdomen cylindrical cinereous with a black dorſal line.
Inhabits *Europe*. *Muſ. Lesk. p.* 132. *n.* 153.

Latipes. Yellow: abdomen clavate: hind-thighs yellow: ſhanks with a white ring.
Inhabits *Europe*. *Muſ. Lesk. p.* 132. *n.* 154.

Deflecta. Teſtaceous with a cinereous back: ſegments of the abdomen brown at the baſe.
Inhabits *Europe*. *Muſ. Lesk. p.* 132. *n.* 155.

Liturata. Grey; wings with a ferruginous ſpot: legs pale.
Inhabits *Europe*. *Muſ. Lesk p.* 132. *n.* 156.

Tripunctata Blackiſh, crown with 3 black dots each ſide: thorax pale cinereous.
Inhabits *Europe*. *Muſ. Lesk. p.* 133. *n.* 161.

Leucoptera. Piceous, glabrous: legs ferruginous: wings white.
Inhabits *Europe*. *Muſ. Lesk. p.* 133. *n.* 163.

Glaucoptera Piceous, glabrous: wings glaucous.
Inhabits *Europe*. *Muſ. Lesk. p.* 133. *n.* 162.

9-punctata. Thorax black: abdomen pale grey with 9 black dots.
Inhabits *Europe*. *Muſ. Lesk. p.* 133. *n.* 164.

Picata. Thorax black: abdomen piceous glabrous; ends of the hind-legs thick.
Inhabits *Europe*. *Muſ. Lesk. p.* 133. *n.* 166.

9-maculata Yellow; wings with 6 blackiſh ſpots and 3 at the tip.
Inhabits *Europe*. *Muſ. Lesk. p.* 133. *n.* 168.

Rubripes. Black with ferruginous legs.
Inhabits *Europe*. *Muſ. Lesk. p.* 133. *n.* 170.

Melanocbryſa. Yellow with a black dot on the crown: thorax with 3 longitudinal black ſtripes.
Inhabits *Europe*. *Muſ. Lesk. p.* 133. *n.* 171.

**Grandi-tarſa.* Glabrous: thorax black-bronze: abdomen ferruginous tipt with black.
Inhabits *England*. *Forſt. Nov. Inſ.* 1. *p.* 99.
Abdomen oblong: *thighs* and *tarſi* black, the firſt joint very thick: *wings* pale fulvous: *peiſers* white.

Apiformis. Hairy, black: baſe of the thorax yellow: abdomen with a yellow belt, the tail whitiſh.
Inhabits *Austria*. *Schranck. Inſ. Auſt. p.* 459. *n.* 933.
Pupa footy, gibbous; found in the decayed parts of trees.

Argyroſtoma. Hairy; black with a ſilvery front: abdomen with ſilvery bands.
Inhabits *Vienna*. *Schranck. Auſt. p.* 460. *n.* 935.
Body above ſhining: *eyes* reddiſh: *wings* hyaline.

Fulviventris Blackiſh; abdomen with yellow down beneath: wings dotted with white.
Inhabits *Vienna*. *Schranck. Auſt. p.* 469. *n.* 953.
Orbits ſilvery: *wings* footy with crowded white dots.

Clavicrus. Yellow, naked; eyes green: hind-thighs clavate.
Inhabits

Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 471. *n* 958.
Thorax with brown lines: *abdomen* with 3 reddiſh brown bands.

5-punctata. Cinereous; wings with a dot at the tip, one at the inner-margin and 3 at the outer
Inhabits *Auſtria*. *Schranck Aust p.* 473. *n.* 962.

Stictica. Yellow; thorax and abdomen with 4 lines of black dots; wings white with a yellow margin and 3 bands.
Inhabits *Vienna*. *Schranck. Auſt. p.* 474. *n.* 963.

Poeciloptera Wings reddiſh-brown variegated with white.
Inhabits *Auſtria*. *Schranck. Auſt. p.* 474. *n.* 964.

Linzenſis. Black; front red, the margin with 2 anaſtomoſing brown ſpots.
Inhabits *France*, *Geoffr. Inſ. par.* 2. *p.* 504.

Naſuta. Yellow: thorax with about 5 black lines: abdomen with 4 black bands.
Inhabits *France*. *Geoffr. Inſ. par.* 2. *p.* 508.

Lamed. Wings hyaline, the outer-margin varied with brown, the inner-margin marked with a brown hebrew lamed.
Inhabits *Auſtria*. *Schranck. Auſt. p.* 475. *n.* 967.
Body cinereous: *head* white: *eyes* black: *antennae* and *legs* teſtaceous.

Miliaria. Yellow with black eyes: wings yellow with a triple brown ſpot and numerous dots.
Inhabits *Europe*. *Geoffr. Inſ. par.* 2. *p.* 498.

Cyanophthalmia. Hairy; eyes violet with 6 purple bands; legs with a white ring
Inhabits *Austria*. *Schranck. Auſt. p.* 477. *n.* 970.
Body gloſſy black: *head* red between the eyes: *ſcutel* coppery: *abdomen* reddiſh each ſide beneath.

Meticuloſa. Gloſſy-black: ſhanks rufous with a black band, the hind-ones curved.
Inhabits *Austria*. *Schranck. Aust. p.* 477. *n.* 972.

Merulina. Gloſſy-black with red eyes: wings hyaline immaculate.
Inhabits *Austria*. *Schranck. Aust. p.* 477. *n.* 971.

Reſinellæ. Black: ſcale of the poiſers, ferruginous: abdomen with 2 thin white belts.
In the *Phalacnæ reſinellae.* *Schr. Aust. p.* 478, *n.* 973.

Cornuta. Yellowiſh with 2 horns ſending out 3 branches from the upper ſide: wings hyaline ſpotted with brown.
Inhabits *Carniola.* *Scopol. Ann. Hist.* 1. *p.* 123. *n.* 149.

Iridata. Thorax ſplendid green: abdomen lucid lanceolate, violet-brown.
Inhabits *Carniola.* *Scopol. Ent. Carn.* 915.

Cannabina. Thorax bronzed: abdomen pellucid yellow with alternately narrower black bands.
Inhabits *Carniola.* *Scopol. Ent. Carn.* 929.
Scutel yellow: *legs* yellowiſh.

Lupina. Thorax cinereous with 4 interrupted black lines: abdomen ſubteſſellate, the ſides diaphanous.
Inhabits *New Zealand.* *Stock. Act.* 1787. 4. *n.* 2, 30.
Body downy and rough with very rigid briſtles.

C. *Sucker with a ſingle briſtle, without ſheath: antennæ pointed and united at the baſe.* Stratiomys.

Teſtacea. Scutel 2-toothed: body teſtaceous; firſt ſegment of the abdomen browniſh.
Inhabits *South America*; large, glabrous.
Thorax with faint lines: *legs* teſtaceous: *wings* with a teſtaceous tinge.

Errans. Scutel 2-toothed black: abdomen black, the ſecond and third ſegments with white ſides.
Inhabits —— leſs than the laſt.
Head rounded brown: *antennæ* hardly united but approximate and yellow: all the ſegments of the *abdomen* beneath edged with white: *legs* teſtaceous with black thighs.

**Chamæleon.* Scutel 2-toothed yellow: abdomen black with 3 triangular yellow ſpots on each ſide and one at the end.
Donovan. i, *tab.* 31, *fig.* 1. *Reaum.* 4. *tab.* 25. *fig.* 7.
Sulz. Inſ. tab 20. *fig.* 130, *Schaeff. Ic. tab.* 14. *fig.* 16.
Inhabits *Europe*, near freſh waters: the female depoſits her eggs in the hollow ſtalks of of aquatic plants or broken reeds.

Larva.

Larvæ with 12 annular diviſions, the tail with a circular fringe of hairs, which when expanded, ſupports it on the ſurface of the water with its head downwards.
Front of the male yellow, of the female cinereous.

Splendens. Scutel 2 toothed: body covered with rich gold down: abdomen with black bands.
Inhabits *Spain*; ſize of M. Chamæleon.

Furcata. Scutel 2-toothed black edged with yellow: abdomen black, the ſides ſpotted with yellow.
Inhabits *Germany*; ſize of M Chamæleon,
Head cinereous downy with a yellow ſpot on the crown: *thorax* pubeſcent black: *abdomen* with yellow marginal ſpot above and 3 ſtreaks beneath; *wings* whitiſh with a teſtaceous thicker margin: *legs* yellow, thighs black.

Ephippium. Scutel 2-toothed: thorax rufous and ſpinous each ſide.
Inhabits *Europe*. *Schaeff. Monog.* 1753. *tab.* 1. *Body* black.

Crucis. Scutel 2 toothed black; abdomen black with 2 lateral yellow ſpots and tip.
Inhabits *South American Iſlands*; large.
Antennæ yellow: *mouth* covered with gold down: *eyes* large black: *thorax* brown, covered with gold down: *legs* teſtaceous, thighs black.

Flaviſſima Scutel 2-toothed: body black; abdomen rufous with a longitudinal black line.
Inhabits *Italy*; large.
Head and *thorax* black covered with thin ſilvery down: *abdomen* flat: *wings* hyaline with a broad brown rib at the baſe: *legs* black.

Microleon. Scutel 2-toothed: abdomen black with lateral white ſtreaks.
Inhabits *Europe*. *Degeer. Inſ* 6, *tab.* 9. *fig.* 1. Aquatic.

Scrigata. Scutel 2-toothed: abdomen black with white ſtreaks beneath.
Inhabits *Italy*; reſembles the laſt.
Head and *thorax* covered with cinereous down: teeth of the *ſcutel* yellow.

Cyanea. Scutel 2-toothed; body blue: head verſicular white.
Inhabits *Cayenne*. *Legs* black.

Pallipes.

Pallipes. Scutel 2-toothed: abdomen above black, the edges of the ſegments whitiſh each ſide.
Inhabits *North America.*
Head black with a yellowiſh frontal line: *thorax* brown: margin of the *ſcutel* yellowiſh, the teeth white: *abdomen* depreſſed, beneath pale: *legs* pale.

Mutabilis. Scutel 2-toothed: body grey downy: abdomen black at the baſe: rib of the wings ferruginous.
Inhabits *Cayenne.*
Antennæ black, the baſe ferruginous: *ſcutel* pale at the baſe: *abdomen* black with a rich grey hue in a certain poſition of light, the tip ſlightly ferruginous: *legs* grey with black thighs.

Faſciata. Scutel 2-toothed; body black: abdomen with 2 white ſtreaks above, beneath ſilvery.
Inhabits *Cayenne.*
Club of the *poiſers* ſilvery: *wings* whitiſh with a broad brown rib: *legs* paliſh with black thighs.

Argentata. Scutel ſlightly 2-toothed: body black: abdomen covered with ſilvery down with yellow lateral ſpots.
Inhabits *Saxony*; ſize of M. faſciata.
Mouth and *thorax* with cinereous down: *abdomen* beneath ſubteſtaceous: *wings* white, the upper half of the rib and annexed curve black: *legs* yellowiſh.

Tigrina. Scutel 2-toothed: body black: abdomen rufous beneath.
Inhabits Waters of *Denmark.*
Teeth of the *ſcutel* and *poiſers* yellow: *abdomen* beneath rufous edged round with black: *wings* white with a brown rib.

**Hyaloicon.* Scutel 2-toothed: body black: abdomen green with a black line down the middle.
Degeer. 6. tab. 9. fig. 4. Schæff. Icon. tab. 11. fig. 14.
Inhabits about ſtagnant waters of *Europe.*
Poiſers green: *eyes* green dotted with black: *body* black minutely ſpeckled with green.

Viridula. Scutel 2-toothed: abdomen green with a black back.
Inhabits *Germany*; half the ſize of the laſt.
Body greeniſh: *abdomen* paler with a thin black dorſal line and large ſpot at the tip: *wings* hyaline with a yellowiſh rib.

**Trilineata* Scutel 2-toothed: abdomen greeniſh-yellow: thorax with 3 black ſtripes: abdomen with black marks.

Inhabit

Inhabits *Europe*. *Donovan's Eng. Inſ.* v. *tab.* 151. *fig.* 5.
Head pale ferruginous: *eyes* greeniſh with a ferruginous ſtreak: *thorax* black with 4 greeniſh-yellow lines: *ſcutel* greeniſh-yellow: *abdomen* black in the middle with 2 greeniſh-yellow ſemilunar marks, the tip yellowiſh, the ſides greeniſh-yellow with tranſverſe black ſtreaks: *legs* yellowiſh.

Hypoleon. Scutel 2-toothed yellow: thorax black edged with yellow: abdomen black with 5 yellow ſpots.
Inhabits *Europe*. *Donovan's Engl. Inſ.* v. *tab.* 146. *fig.* 2.
Head black: *abdomen* with 2 tranſverſe yellow ſpots on each ſide and one at the tip: *legs* yellowiſh.

Muſcaria. Scutel 2-toothed yellow: body black; margin of the abdomen ſpotted with yellow.
Inhabits *Italy*; half the ſize of the laſt.
Head and *thorax* black: *abdomen* roundiſh with 5 yellow marginal ſpots.

Minutior. Scutel 2-toothed: body black; ſegments of the abdomen edged with white.
Inhabits *Tranquebar*; ſmall.
Head white with 4 black dots on the front and a black band on the crown: *ſcutel* edged with white: *abdomen* beneath whitiſh: *wings* white: *legs* white, thighs and hind-ſhanks with a white ring.

Melanopis. Scutel 2-toothed: body teſtaceous with black eyes: ſecond and third ſegments of the abdomen with a yellow ſpot each ſide behind.
Inhabits *Europe*. *Muſ. Leſk. p.* 127. *n.* 42.

Nigricans. Scutel 2-toothed, black with yellow teeth: abdomen black, the hinder margins of the ſegments whitiſh beneath.
Inhabits *Europe*. *Muſ. Leſk. p.* 128. *n.* 43.

4-lineata. Scutel 4-toothed: body black: abdomen with 4 white lines.
Inhabits *Sierra Leona*; ſize of M. flavipes.
Antennae hairy black tipt with white; *head* black, orbits white: *thorax* black with violet down: *ſcutel* black with 4 yellow teeth: *wings* duſky: *legs* black.

Clavipes. Scutel 6-tooted: body black: abdomen ferruginous.
Inhabits *Sweden*. *Wings* brown: *legs* rufous.

6-dentata Scutel 6-toothed; thorax bronzed: abdomen ferruginous.
Inhabits *England*. In the muſeum of Sir *Joſ. Banks*.

Thorax

Thorax ſhining bronze: *ſcutel* with 6 long black teeth: *abdomen* long flat above and pubeſcent: *wings* whitiſh with a black marginal ſpot: *legs* yellow, the hind ones long.

* *Chalybea.* Scutel 6-toothed: thorax ſteel blue; abdomen black.
Inhabits *England* *Forſt. Nov. Inſ.* 1. *p* 95.
Wings and *poiſers* black: *legs* teſtaceous, the ends black and clavate.

* *Similis.* Scutel 6-toothed ſhining green-blue: abdomen ſteel-blue.
Inhabits *England.* *Forſt Nov. Inſ.* 1. *p* 97.
Wings ſubferruginous with a brown dot: *legs* black: *poiſers* white.

* *Vallata.* Scutel 6-toothed: abdomen and thighs yellow.
Inhabits *England.* *Forſt. Nov. Inſ* 1. *p.* 96.
Wings ſubferruginous flat incumbent with a brown dot in the middle of the rib: *poiſers* yellow: *ſhanks* near the tip and tarſi brown.

c. *Sucker with a ſingle briſtle and univalve ſheath: antennæ ſeated on a common peticle.* Ceria.

Univalvis. Black; front yellow: thorax ſpotted with yellow: abdomen with 3 yellow ſtreaks.
Inhabits *Kiel* and *Barbary.* Ceria. *Fabric.* iv. *p.* 227.
Feelers ſhort capitate 3-jointed: *antennæ* of 2 articulations, the firſt obconic, the ſecond clavate and pointed: *head* black with a yellow line on the crown: *front* yellow with a black line in the middle: *wings* white, the thicker margin half black: *legs* yellow, thighs annulate with brown.

d. *Sucker with 3 briſtles, without ſheath: feelers placed at the baſe of the ſucker.* Rhagio.

* *Scolopacea* Cinereous; abdomen yellowiſh with 3 rows of black dots: wings clouded.
Inhabits *Europe.* *Degeer.* 6. *tab.* 9 *fig.* 6. *Reaum.* 4. *t.* 10. *f.* 5, 6.

Tringaria. Cinereous; abdomen yellowiſh with 3 rows of black dots; wings immaculate: thorax of one colour.
Inhabits woods of *Europe.*

Vanella. Cinereous; thorax lineate: abdomen teſtaceous immaculate: wings ſubteſtaceous.
Inhabits *Denmark*; reſembles the laſt.

Ardea.

Ardea. Black; margin of the abdomen ſpotted with grey: wings immaculate: ſhanks teſtaceous.
Inhabits *Italy*; ſize of the laſt.
Head cinereous downy: *thorax* hairy black: *poiſers* black with ferruginous heads: *legs* teſtaceous with cinereous thighs.

Vermileo. Cinereous; abdomen with 3 rows of black dots: wings immaculate: thorax ſpotted.
Degeer. Inſ. 6. *tab.* 10. *fig.* 9. *Reaum. Act. Par.* 1763. *tab.* 17.
Inhabits *France*, in moveable ſands.

Lineata. Thorax lineate: abdomen black: wings hyaline with a brown ſpot and tip
Inhabits *England*.
Antennae cylindrical incurved, longer than in others: *fore-legs* long black.

Fuſcata. Thorax cinereous with black lines: abdomen brown: wings with a black marginal ſpot in which is a cinereous dot.
Inhabits *Sweden*.

Norwegica. Teſtaceous; abdomen with 5 black bands: wings hyaline with a brown ſpot at the tip.
Inhabits *Norway*.
Thorax gibbous: *abdomen* cylindrical: *legs* long brown, thighs pale.

Tipuliformis. Brown; wings white tipt with black.
Inhabits *Germany*; leſs than the laſt.

Chryſopus. Thorax ferruginous: abdomen black with yellow ſpots on the ſides
Inhabits *Germany*; ſmall.
Head globular black: *thorax* ſmooth: *abdomen* cylindrical incurved, with 3 yellow ſpots each ſide and one on the back: *legs* yellow with black ends: *wings* hyaline immaculate.

Bicolor. Teſtaceous; back of the thorax and tip of the abdomen black: wings with a brown ſpot.
Inhabits *Italy*.
Head black: *thorax* teſtaceous with a large black ſpot on the back.

Adſperſa. Abdomen black, the ſegments edged with white: wings brown hyaline with 2 black ſpots.

Inhabits *Germany*.
Head globular black: *antennæ* yellowiſh at the baſe: *thorax* brown with obſcure yellow lines: *legs* pale.

Bilineata. Blackiſh; thorax cinereous with 2 black lines: wings hyaline with black marginal ſpots.
Inhabits *Kiel*; ſmall.
Abdomen flat black, the ſegments a little pale at the edge: *legs* black, thighs teſtaceous.

Macrocera. Teſtaceous with lateral black ſpots on the abdomen: antennæ very long.
Inhabits *Germany*.
Antennæ ſetaceous, thrice as long as the body: *wings* white ſpotted with black: *legs* long pale.

Succinea. Teſtaceous with black bands on the abdomen: wings hyaline with black ſpots.
Inhabits *Kiel*.
Head globular: *wings* with numerous ſmall ſpots.

Tomentoſa. Black; abdomen covered with gold down: wings white with a black marginal ſpot.
Inhabits *Denmark*; twice as large as M. diadema.
Head and *thorax* hairy blackiſh: *poiſers* black: *legs* teſtaceous with black thighs.

Lineola. Cinereous; abdomen teſtaceous with a black tail and ſpots on the back: wings hyaline with a black marginal ſpot.
Inhabits *Denmark*; ſize of M. diadema.
Scutel and *poiſers* yellow: *abdomen* conic with a ſtripe of large black ſpots with a terminal one at the tail: *wings* with a ſmall black marginal line: *legs* teſtaceous.

Maura. Deep black with blackiſh wings.
Inhabits *Germany*; middle-ſized.

Nigrita. Black; ſegments of the abdomen edged with cinereous down: wings white with a marginal black ſpot: legs black.
Inhabits *Italy*; ſize of M. diadema.

Diadema. Cinereous; wings white with a marginal brown ſpot: legs yellowiſh.
Inhabits *Leipſick*. *Legs* long teſtaceous.

Atrata.

Atrata. Black immaculate; wings hyaline with a black marginal ſpot.
Inhabits *Italy*; larger than M. diadema.

Columbaſſenſis. Black with white inciſures of the abdomen ſhanks and tarſi.
Inhabits *Siberia* and *Ruſſia*, in the ſpring and autumn: is extremely troubleſome and often fatal to cattle, inſinuating itſelf into the nobler parts and deſtroying them in the courſe of 4 or 5 hours.

Papataci. Antennæ body and wings hairy.
Inhabits *Italy*; very ſmall: is extremely troubleſome at night during the whole ſummer.
Eyes black dotted with white: *abdomen* red.

Acuminata. Black; abdomen thin long and ſubulate at the end: wings ſpotted: thighs yelloviſh-rufous, ſhanks browniſh.
Inhabits *Europe*. *Muſ. Leſk. p.* 128. *n.* 50.

e. *Sucker with* 3 *briſtles and a ſingle-valved ſheath*: *antennæ united at the baſe and pointed at the tip* Bibio.

Anca. Black downy: abdomen bronzed.
Inhabits *Germany*.
Antennæ large black tipt with white: *lip* dull yellowiſh: *abdomen* covered with ferruginous down: *legs* pale, thighs black.

Plebeja. Cinereous hairy: ſegments of the abdomen edged with white.
Inhabits *Europe*. Hind-ſhanks ferruginous.

Ochropus. Hairy cinereous: ſegments of the abdomen edged with yellow: legs teſtaceous.
Inhabits *Germany*; ſize of the laſt.
Antennæ hairy cinereous, the tip naked black: *wings* with a few dots formed by the junctures of the nerves.

Marginata. Black; abdomen conic, the ſegments edged with white: wings ſpotted with black.
Inhabits *Italy*. *Wings* ſpotted with black.

Nobilis. Ferruginous hairy: abdomen conic fulvous with a black tail.
Inhabits woods of *Denmark*.

Lugubris Hairy black: mouth cinereous: ſhanks teſtaceous.
Inhabits *Kiel*. *Wings* whitiſh: *legs* black.

Strigata. Hairy, black, with 2 white ſtreaks on the abdomen.
Inhabits *Germany*; reſembles the laſt.
Head cinereous hairy: *antennae* paliſh at the baſe: *thorax* hairy brown: *abdomen* conic, with 2 white ſtreaks above and beneath: *wings* duſky with a white dot or two: *legs* teſtaceous; thighs black.

Floreſcens. Black; feelers and fore-legs teſtaceous.
Inhabits *Germany*; ſmall.
Head hairy: *wings* whitiſh, the rib fringed with black at the baſe and a black line adjoining.

Anilis. Villous whitiſh-grey with hyaline wings.
Inhabits *Europe*. Hind-legs long pale.

Pantherina. Black: back of the abdomen with 3 white ſpots united to as many at the ſides.
Inhabits *Sweden*: naked. *Fn. Suec.* 1783.
Scutel entire: *thorax* with a white dot at the baſe each ſide: *abdomen* depreſſed margined.

Denigrata. Hairy: black: thorax with a white line each ſide: wings varied with black.
Inhabits *Europe*.

Melanoptera. Black: ſcutel ferruginous: abdomen beneath and angles of the ſegments ferruginous.
Inhabits out of *Europe*. *Muſ. Lesk. p.* 127. *n.* 41.

Fuſca. Hairy, yellowiſh: wings and abdomen brown, the ſegments with a ferruginous ſpot each ſide.
Inhabits out of *Europe*. *Muſ. Lesk. p.* 127. *n.* 41. b.

Polyzonias. Abdomen ferruginous with a longitudinal black ſtripe: wings hyaline banded.
Inhabits *inertia*. *Lepech. It.* 2. *tab.* 11. *fig.* 29.

f. *Sucker with* 4 *briſtles, without ſheath: feelers placed at the baſe of the briſtle.*. Syrphus.

†. *Antennae feathered,*

**Inanis.* Thorax ſubteſtaceous: abdomen pellucid with 2 black belts.
Inhabits

Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 3. *fig.* 5.
Schaeff. Icon. tab. 36. *fig.* 7, 8. *Panz. Fn. Germ.* 2. *tab.* 6.
Head yellow: *antennae* fulvous with a black feathered hair: *abdomen* with 3 black belts and tail beneath.

Micans. Thorax black on the back: abdomen pellucid with 3 black belts.
Inhabits *Italy*; leſs than the laſt.
Head yellow: *antennae* ferruginous: *eyes* with a yellow line: *thorax* with a lateral yellowiſh line: *tail* blackiſh: *legs* rufous.

**Pellucens.* Black; firſt ſegment of the abdomen white pellucid.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 3. *fig.* 1.
Harris. Eng. Inſ. tab. 10 *fig.* 4. *Sulz. Inſ. tab.* 20. *fig.* 133.

**Bombylans* Downy, black: abdomen rufous at the end.
Inhabits *Europe*. *Donovan's. Eng.* v. *tab.* 151. *fig.* 4.
Harris's. Eng. Inſ. tab. 10. *fig.* 3.

**Myſtacea.* Downy, black: thorax and tip of the abdomen yellow.
Inhabits *Europe*. *Harris Engl. Inſ. tab.* 10. *fig.* 1.
Degeer. Inſ. 6. *tab.* 8. *fig.* 2. *Schaeff. Icon. tab*, 10. *fig.* 9.

Muſſitans. Downy: thorax fulvous: abdomen greeniſh.
Inhabits *Kiel*; ſize of the laſt.
Mouth black: *front* yellow: *antennae* ferruginous: *abdomen* ovate greeniſh with obſolete brown bands; *wings* white with a brown coſtal ſpot in the middle, the baſe a little reddiſh: *legs* black, hind-thighs long incurved.

Lapponum. Downy, black: ſcutel ferruginoos; abdomen with 3 whitiſh interrupted belts.
Inhabits *Lapland*. *Degeer. Inſ.* 6. *tab.* 8. *fig.* 14.

Inflata. Head and ſcutel yellow: firſt ſegment of the abdomen pellucid and yellow.
Inhabits *Italy*; half the ſize of M. pellucens.
Antennæ yellow: *eyes* brown: *thorax* with a yellow lateral margin: *abdomen* black with ferruginous down, the firſt ſegment yellow with a black line: *wings* ſubteſtaceous at the baſe with a black ſpot in the middle and a leſſer one towards the tip: *legs* black.

Apiaria. Downy: thorax yellow before: abdomen tipt with white; wings ferruginous at the baſe.

Inhabits

Inhabits *Italy*; reſembles M. myſtacea.
Front black: *thorax* hairy, black behind: *abdomen* black.

Eſuriens. Body naked: abdomen ferruginous pellucid.
Inhabits *American Iſlands*.
Upper-Lip projecting emarginate: *thorax* black: *ſcutel* ſubferruginous: *wings* white, the thicker margin black at the baſe: *legs* black with ferruginous ſhanks.

**Intricata.* Downy, yellowiſh; abdomen black, the tip and joints of the legs white.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 8. *fig.* 10.

Craſſa. Naked, black; hind-thighs rufous and 1-toothed.
Inhabits *Tranquebar*.
Head duſky: ſcale of the *poiſers* black tipt with white: each ſegment of the *abdomen* with an impreſſed ring: *wings* white with a black baſe and taanſverſe dot in the middle: *thighs* and *ſhanks* rufous tipt with black, tarſi black.

Bombyliformis. Downy, yellowiſh: ſhanks white at the baſe.
Inhabits *Germany*; ſize of M. intricata.

Vacua. Naked: thorax with yellow lines: abdomen pellucid yellow with black belts.
Inhabits *America Iſlands*; ſmall.
Lip projecting emarginate; *front* yellow with a black line in the middle: *thorax* black bronze with a yellow lateral line and 2 dots before the wings: *abdomen* with 3 black belts and dorſal line: *wings* varied with white and brown.

Obeſa. Naked: wings with 2 brown ſpots: body bronze.
Inhabits *America*. *Degeer. Inſ.* 6. *tab.* 29. *fig.* 2. ?
Abdomen ſhort obtuſe: *legs* black.

Plumoſa. Black; abdomen rufous behind: thorax hairy black.
Inhabits *Europe*. *Muſ. Leſk. p.* 123. *n.* 52.
Probably the ſame, or a variety of M. bombylans.

††. *Antennæ naked.*

Pinguis. Body naked: thorax black ſpotted with white: abdomen teſtaceous with a white band.
Inhabits *Ammerica*.
Head black: *ſcutel* teſtaceous: *tail* black-broze; *wings* brown

**Pendula.* Downy: thorax black with 4 yellow lines: abdomen yellow with tranſverſe black lines connected by a longitudinal ſtripe.

Inhabits

Inhabits *Europe*. *Donovan. Eug. Inſ.* i. *tab.* 31. *fig.* 2.
Reaum. Inſ. 3. *tab.* 31. *fig.* 9,—11. *Friſch. Inſ.* 4. *tab.* 13.
The *larva* is aquatic and ſuſpended by a filiform reſpiratory tube.

Natans. Downy: thorax with 4 lines: firſt ſegment of the abdomen ferruginous with an abbreviated white ſtreak.
Inhabits *Italy*; leſs than the laſt.
Head ſilvery downy with a black line on the crown: ſecond and remaining ſegments of the *abdomen* black with a white ſtreak.

Verſicolorata. Downy; thorax with 2 faint whitiſh dorſal lines: abdomen rufous, the back black varied with cinereous.
Inhabits *Germany*; reſembles M. pendula.
Head yellow: *antennae* ferruginous: *thorax* brown with ferruginous lines: *abdomen* above rufous, the firſt ſegment with cinereous lunules at the baſe, ſecond with 3 cinereous dots, the laſt rufous with 3 black dots: *wings* duſky: *legs* rufous with black thighs.

**Floreal* Downy: thorax with black bands: abdomen yellow with a black dorſal line, the ſegments edged with black.
Inhabits *Europe*. *Albin. Inſ. tab.* 17. *fig.* 1.

Subcoleoptrata. Downy; thorax black: wings thicker, cinereous with 2 brown flexuous fillets.
Inhabits *Sweden*; larger than M. hemiptera.
Thorax black ſubſtriate: *abdomen* ſometimes rufous ſometimes black: *wings* large.

**Hemiptera* Downy: thorax with a ferruginous border: wings thicker cinereous varied with yellowiſh-brown.
Inhabits *England*. *Schaeff. Icon. tab.* 71. *fig.* 6.
Thorax with fulvous hairs before and under the wings: *ſcutel* ferruginous: *abdomen* ferruginous with a black back.

Craſſipennis Downy: thorax yellowiſh: wings thicker, the diſk white with a diſtant black dot.
Inhabits *Paris*; reſembles the laſt.
Thorax in ſome yellowiſh, in others grey with brown lines: *ſcutel* the ſame colour edged with brown: *abdomen* ferruginous with a brown back: *wings* nearly coriaceous.

Affinis. Thorax fulvous at the ſides: abdomen black.
Inhabits *France*: ſize of M. craſſipennis.

Mouth

Mouth whitiſh : *crown* and *antennae* black : *thorax* black : *ſcutel* piceous : *wings* white.

**Nemorum.* Downy ; abdomen black with 3 white belts, the firſt ſegment yellow at the ſides : legs black with white joints.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 8. *fig.* 12.
Albin. tab. 3. *fig.* 3. L. *Merian. Europ. tab.* 2.

Cryptarum. Downy ; abdomen brown with 3 white belts, the firſt ſegments yellow at the ſides : ſcutel and legs teſtaceous.
Inhabits *Germany*; reſembles the laſt.
Head grey with a black line : *antennae* teſtaceous : *thorax* duſky : *thighs* black at the baſe : *wings* white with a large brown coſtal ſpot.

Agrorum. Downy, black : ſcutel and ſides of the abdomen ferruginous.
Inhabits *American Iſlands :* ſize of M. arbuſtorum.
Front downy black : *abdomen* ferruginous with a broad black ſtripe : *wings* hyaline : *legs* black with white joints.

Arvorum. Downy ; thorax yellowiſh with 4 black lines : abdomen black with 3 yellow belts.
Inhabits *China* ; reſembles M. nemorum.
Scutel ſlightly bronzed with a yellowiſh margin : *legs* pale, the hind-ones darker : *wings* white.

Hortorum. Downy : thorax brown with 2 pale bands : abdomen with 3 white bands : hind-legs thick and ferruginous.
Inhabits *American Iſlands*. *Degeer. Inſ.* 1. *tab.* 29 *fig.* 1.
Head yellow : firſt ſegment of the *abdomen* ferruginous at the ſides, the others edged with white : *wings* with a large black ſpot : *legs* ferruginous.

Arluſtorum Downy : abdomen black, the firſt ſegment and ſides of the ſecond ferruginous.
Inhabits *Europe*.

Pratorum. Downy, black : thorax with 2 yellow bands and 2 dots : abdomen with 3 yellow ſpots each ſide.
Inhabits *American Iſlands*.
Antennae ferruginous : *front* yellow : *crown* black : *wings* white with a ferruginous thicker margin : *legs* ferruginous, hind-thighs 1-toothed.

Saltuum.

Saltuum. Naked black: thorax ſpotted with yellow: ſegments of the abdomen edged with yellow: hind-thighs toothed.
Inhabits *Italy*
Antennae ferruginous: *head* yellow with a black line in the middle: *abdomen* with 6 yellow belts, every other one a little interrupted: *legs* yellow, hind-thighs 1-toothed.

**Fruticorum.* Downy with 2 yellow lines on the thorax: abdomen ferruginous with an interrupted black dorſal line.
Inhabits *England*: a little leſs than M. pendula.
Antennae ferruginous with a brown hair: *thorax* black with ferruginous down, and 2 yellowiſh lines on the back: *abdomen* ovate, with a black creſcent at the baſe and tip connected by a black line: the ſecond ſegment black with yellow ſides and 3 ferruginous dots on the back, third ferruginous with a black dorſal dot: *legs* ferruginous, the thighs black at the baſe.

Ericetorum Slightly downy: thorax bronzed with yellow ſides: abdomen fulvous with 3 black ſtreaks.
Inhabits *Africa*. Muſeum of Sir *Joſ. Banks*.
Size of M. nemorum. *Legs* yellow.

Murorum. Downy; abdomen black, the ſegments edged with white, the firſt ferruginous at the ſides: hind-thighs clavate.
Inhabits *Barbary*; ſize of M tenax.
Head yellowiſh: *antennae* black: *thorax* black covered with fulvous down, thighs black.

**Tenax.* Downy: thorax grey: abdomen brown; hind-ſhanks compreſſed gibbous
Allin. Inſ. tab. 63. *fig.* 1. *f. g. Goed. Inſ* 1. *tab.* 2.
Reaum. 4 *tab.* 20. *fig* 7. *Swamm. Bib. tab.* 38. *f.* 9.
Found in neceſſaries and among putrid ſubſtances.
Larva covered with an extremely tough ſkin.

Setoſa. Downy, black: hair of the antennæ long and clavate.
Inhabits *Barbary*: ſize of the laſt.
Head brown, front covered with grey down: *antennae* long black with a longer incurved clavate hair; *abdomen* cylindrical black, the baſe covered with cinereous hair: *legs* black, tarſi rufous beneath.

Setosum. Downy, pale cinereous: abdomen black with 2 yellowiſh ſpots at the baſe.
Inhabits *Barbary*; ſize of M. Tenax.

Head cinereous downy: *legs* black, hind-thighs 1-toothed, ſhanks incurved compreſſed.

Trilineata. Downy: thorax pale with black lines: abdomen black with an interrupted ferruginous band at the baſe.
Inhabits *New Zealand.* Muſeum or Sir *Joſ. Banks.*
Head yellow, margin of the lip antennæ and crown black: *legs* ferruginous; 4 fore-thighs black at the baſe, hind ones 1-toothed black; *hind-ſhanks* incurved ferruginous and black at the baſe.

4-lineata. Thorax yellowiſh with 4 bronzed lines: abdomen ferruginous, the tip black with a white ſtreak.
Inhabits *Tranquebar.*
Front yellow: *antennæ* ferruginous: firſt and ſecond ſegment of the *abdomen* edged with black, third black with a white ſtreak: *wings* white immaculate: *legs* ferruginous with black ſhanks.

5-ſtriata. Thorax bronzed with 5 white lines: abdomen ferruginous, the tip black with a white ſtreak.
Inhabits *Eaſt India.*: reſembles the laſt.
Eyes large teſtaceous with brown ſpecks and a black-bronzed raiſed dot on the crown; *mouth* villous white with a black proboſcis: *ſcutel* golden; two firſt ſegments of the *abdomen* with a black and white ſpot in the middle, the laſt black with a white ſtreak: beneath white with a ferruginous margin and black tail: *wings* white.

5-lineata. Downy; thorax with 5 alternate white and black lines: abdomen black, the ſegments white at the baſe.
Inhabits *Africa.* In the muſeum of Sir *Joſ. Banks.*
Front cinereous with a black line each ſide: *laſt* ſegment of the *abdomen* immaculate: beneath with a broad white baſe: 4 *fore-thighs* black, ſhanks and tarſi of the hind-ones white at the baſe.

Fuliformis. Downy, thorax yellow with a black band; abdomen black with a yellow baſe and fulvous tip.
Inhabits *France*; ſize of M. myſtacea.
Antennæ black with a ſtrong rufous hair: *head* black with a yellow hairy crown: *wings* white with a black ſtreak in the middle.

**Oeſtracea.* Black with a whitiſh ſcutel: abdomen yellowiſh at the tip.
Inhabits *Europe.*, *Schaeff. Icon. tab.* 10. *fig.* 6.

Affinis

Aſilifermis. Thorax downy yellowiſh: abdomen black, the 2 firſt ſegments yellowiſh.
Inhabits *Germany*: ſize of M. lucorum.
Antennae clavate ferruginous with a black hair: *lip* yellow with 3 black dots: *legs* black with yellowiſh ſhanks; *hind-thighs* long, incurved.

Lucorum. Downy; thorax grey: abdomen black: the firſt ſegment entirely white.
Inhabits *Europe*., in gardens and fields.

Fallax. Downy, brown with a yellow front: tip of the abdomen covered with fulvous down: ſcale of the poiſers white.
Inhabits *Europe*, on flowers.

Sylvarum. Downy, black: laſt ſegment of the abdomen covered with yellow down.
Inhabits *Europe*, on flowers.

Nigrana. Naked, black, with blue wings.
Inhabits *Jamaica*; large.
Antennae long: *wings* with a whitiſh thinner margin.

Clavipes. Downy, cinereous; thorax with a black band; tip of the abdomen fulvous: hind-thighs curved.
Inhabits *Italy*; large, long.
Front downy: *antennæ* black: *abdomen* of the female black, the ſegments edged with white.

Equeſtris. Downy, cinereous: thorax with a black band: abdomen fulvous: hind-thighs and ſhanks toothed at the tip.
Inhabits *Italy*: reſembles the laſt.
Abdomen fulvous, the firſt ſegment a little grey: *ſhanks* ſtraight emarginate within before the tip.

Flavicans. Downy, yellowiſh immaculate with black legs.
Inhabits *Italy*; leſs than the laſt.
Front with cinereous down: *antennæ* black: *hind-thighs* 1-toothed before the tip, ſhanks unarmed.

Cinerea. Downy, cinereous with a black tail: thorax with a black band.
Inhabits *Italy*; leſs then the former ones.
Legs black, ſhanks white at the baſe: *wings* immaculate.

Bicinctata. Black with 2 yellow belts on the abdomen: ſides of the thorax dotted with yellow.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 7. *fig.* 16.

**Arcuata.* Black with 4 curved belts on the abdomen: thorax ſpotted with yellow at the ſides.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 7. *fig.* 14.

Cingulata. Downy: abdomen black, the firſt ſegment white at the baſe, the reſt with white dots.
Inhabits *New Zealand*. Muſeum of Sir *Joſ. Banks*.
Head ferruginous with 2 black bands on the crown: *thorax* black covered with ferruginous down: *hind thighs* thick with incurved ſhanks.

Zonalis. Downy, black with cinereous tail front and fore-part of the thorax: firſt ſegment of the abdomen whitiſh.
Inhabits *China*.
Head cinereous with a black crown: *thorax* cinereous before and black behind: firſt ſegment of the *abdomen* whitiſh tipt with black: *wings* white with a brown baſe and ſpot in the middle: legs black, the hind-ones compreſſed.

Errans. Downy, thorax cinereous with a black band and ſcutel: abdomen black, the ſides yellow at the baſe.
Inhabits *China*.
Head downy white, the crown a little blackiſh. *wings* white with a darker baſe: *legs* black with white joints, hind-thighs teſtaceous at the baſe.

Mutabilis Downy: thorax immaculate: abdomen black with a changeable grey gloſs.
Inhabits Meadows of *Europe*.

**Devia.* Downy with a blueiſh thorax: abdomen duſky violet.
Inhabits *Europe*.
Mouth ſilvery: *wings* immaculate: *legs* black: baſe of the *hind-thighs* and all the claws yellow.

**Segnis.* Naked: thorax bronzed; abdomen ferruginous tipt with black: ſhanks white.
Inhabits *Europe*, on flowers.
Hind-thighs ſerrate: *abdomen* ſometimes black with rufous ſpots.

Volvula. Downy, black; abdomen cylindrical blue; antennæ and legs rufous; hind-thighs thick.
Inhabits

Inhabits *France*; larger than the laſt.
Head black with a cinereous gloſs: *antennae* compreſſed clavate: *wings* duſky.

Nigra. Nearly naked and black: abdomen ferruginous with a black tail: hind-thighs clavate.
Inhabits *Germany*; ſize of M. ſegnis.
Thorax black with a bronzed gloſs: *ſhanks* incurved.

Lunata. Downy; thorax cinereous: abdomen with white creſcents, the baſe rufous and tip black: hind-thighs thick.
Inhabits *Barbary*; ſize of M. femorata.
Antennae ferruginous: *head* cinereous, crown brown: *legs* ſubrufous.

**Femorata.* Downy: thorax ſlightly bronzed; hind-thighs clavate.
Inhabits Flowers of *Europe*.

Spinipes. Downy: abdomen black with white lines, the firſt ſegment rufous: hind-thighs toothed.
Inhabits *France*; ſize of M. femorata.
Head cinereous downy: *thorax* with 4 white lines, the lateral ones abbreviated: *legs* ferruginous with black thighs.

Annulata. Downy: abdomen black, the ſegments edged with white; hind-thighs clavate and toothed.
Inhabits *France*: ſmal.
Head downy cinereous with a raiſed black dot on the crown: *thorax* with faint white lines: *abdomen* a little ſpotted with rufous at the ſides.

Dentipes. Naked; thorax black with 4 white lines: abdomen clavate: hind-thighs thickened and toothed.
Inhabits *Cayenne*; ſize of M. femorata.
Head black with a white villous lip: *ſcutel* black edged with white: *abdomen* long, the firſt ſegment flat tapering and black with 2 oblong hyaline dorſal ſpots, ſecond cylindrical black with a pale baſe, third ovate thicker purpliſh-black: *legs* brown.

**Conopſea.* Naked, black with lateral lines on the thorax, abdomen with 3 yellow bands.
Inhabits *Europe*. *Reaum. Inſ.* 4. *tab.* 33. *fig.* 12. 13.
Wings white with a black thicker margin.

* *Ichneumonea.* Cylindrical black: front hind-part of the thorax and legs ferruginous.
Inhabits *Europe*, on flowers.

Bicolor. Black; abdomen rufous with a black baſe and tip.
Inhabits *Barbary*; reſembles M. ichneumonea.
Lip yellow with a black line in the middle: *thorax* black with 2 white lines: *ſcutel* black with a pale tip: *legs* yellowiſh, thighs black at the baſe: *wings* hyaline.

* *Sphegea.* Black with rufous legs.
Inhabits *England*. In the muſeum of Sir *Joſ. Banks*.
Antennæ longer than the head, black: *wings* duſky.

Clavata. Naked, black: abdomen clavate with 3 yellow ſpots each ſide
Inhabits *American Iſlands*.
Head yellow with a black line in the middle: *antennæ* black with a teſtaceous club: *ſcutel* with a yellow ſtreak at the baſe: *abdomen* with a long petiole, ſubferruginous in the middle: *legs* teſtaceous with black thighs.

Cylindrica. Naked, black: wings blackiſh, the thinner margin ſpotted with white.
Inhabits *American Iſlands*.
Head black with a yellow front: *abdomen* long cylindrical.

Veſiculoſa. Naked, black: abdomen clavate, the tip teſtaceous and veſicular.
Inhabits *Italy*; ſize of M. cylindrica.
Tip of the *abdomen* with 2 black dorſal ſpots: *wings* hyaline: *legs* long, thighs teſtaceous.

Elongata. Naked; thorax bronzed: abdomen clavate black with 2 yellow bands.
Inhabits *Denmark*, on flowers.
Wings white with a brown marginal dot: *legs* thin yellow.

Podagrica. Naked; thorax bronzed: abdomen with 2 yellow bands: hind-thighs clavate.
Inhabits *Denmark*; half the ſize of the former.
Abdomen clavate: *wings* white ſpotted with brown; *legs* yellow, hind-thighs black.

Crabroniformis. Downy; thorax variegated: abdomen yellow, the 2 firſt ſegments tipt with brown.
Inhabits

Inhabits *Madeira*. In the muſeum of Sir *Joſ. Banks*.
Head yellow: *antennae* ferruginous: *thorax* yellow before with a brown dorſal line and lateral ſpot, behind brown edged with yellow: *ſcutel* ferruginous: 2 firſt ſegments of the *abdomen* yellow at the baſe with a brown line in the middle and tipt with brown, third yellow with a brown line in the middle, fourth yellow immaculate: *legs* yellow: thighs ferruginous, the hind-ones 1-toothed.

Dioptbalma. Naked; thorax ſpotted: abdomen with 6 yellow belts: hind-thighs toothed.
Inhabits woods of *Europe*.
Eyes glaucous dotted with brown: *mouth* yellow with a black line: *legs* ferruginous, hind-thighs ſharply toothed.

Apiformis. Downy; thorax black with white dots and lines: abdomen yellow with black belts.
Inhabits *Germany*; a little leſs than the laſt.
Mouth covered with gold down, with a black line: *antennae* ferruginous: *thorax* with 2 white dots at the tip, 2 oppoſite tranſverſe lines, 2 longitudinal ones and a tranſverſe one in the middle of the baſe: *fore-legs* black with yellow joints; hind-ones rufous, the thighs black at the baſe.

**Veſpiformis.* Naked; thorax black ſpotted with yellow: abdomen with yellow belts uniting at the ſides.
Inhabits *Europe*. *Degeer. Inſ* 6. *tab*. 7. *fig*. 13.
Thorax with a lateral interrupted yellow line: *ſcutel* black edged with yellow: bands on the *abdomen* uniting in pairs.

**Feſtiva.* Naked; thorax black with yellow lateral lines: abdomen with 4 interrupted yellow belts.
Inhabits *Europe*, in gardens.

Laeta. Naked; thorax black with yellow lateral lines: abdomen with 4 yellow belts, the firſt interrupted.
Inhabits *Kiel*; reſembles the laſt.
Head yellow with a ferruginous line on the front: *antennae* ferruginous: *ſcutel* yellow: *abdomen* beneath yellow with 4 black bands: *legs* yellow.

Ruficornis. Downy; thorax brown with grey lines: abdomen bronzed: wings with 2 brown ſpots.
Inhabits *Denmark*, on flowers.
Scutel glaucous: *legs* teſtaceous.

Semirufa.

Semirufa. Black; abdomen ovate with a broad ferruginous tip.
Inhabits *Germany*; ſize of M. flavicornis.
Head yellow: *antennæ* brown with a ferruginous club: *thorax* villous brown: *wings* white with teſtaceous veins: *legs* black, ſhanks and tarſi teſtaceous tipt with black.

Calcarata. Downy; thorax brown: abdomen black with whitiſh lateral ſpots: hind-thighs toothed.
Inhabits *Africa*; ſize of M. flavicornis.
Head cinereous: *antennæ* black: *legs* black.

Flavicornis Downy; obſcure bronze: antennæ and ſhanks yellowiſh.
Inhabits *Germany*. *Wings* immaculate.

Ænea. Downy; black-bronze: joints of the legs white.
Inhabits *Germany*; ſize of M. ruficornis.
Head covered with cinereous down: *antennæ* brown: *eyes* teſtaceous dotted with brown: *wings* immaculate.

Funeſta. Thorax downy, obſcure bronze: abdomen black with 3 pale cinereous bands
Inhabits *Italy*; larger than M. ſepulchralis.
Legs black; hind-thighs thickened.

Melancholica. Thorax bronzed with white lines: abdomen black with cinereous ſtreaks.
Inhabits *Italy*; thinner than the laſt.
Head black, front cinereous downy: *thorax* with 4 white lines: *legs* black, hind-thighs 1-toothed: *wings* immaculate.

Sepulchralis Downy, blackiſh: abdomen ſhining-black.
Inhabits *Sweden*. *Eyes* ſpotted.

Triſtis. Nearly naked; thorax black with 5 paler lines: abdomen bronzed.
Inhabits *Germany*; on flowers.
Antennæ brown, ferruginous at the tip: *head* covered with whitiſh down: *eyes* ſpotted: *wings* immaculate.

Lugubris. Black immaculate: wings white with a brown ſpot.
Inhabits *Denmark*; leſs than the laſt.

Caemeteriorum. Black-bronze; abdomen depreſſed ſhining-black: wings blackiſh.
Inhabits *Europe*: larger than M. metallina.
Antennæ with a yellow club: *wings* blackiſh.

Metallina.

Metallina. Shining black-bronze: antennæ black.
Inhabits *Germany*; leſs than M lugubris.
Abdomen flat on the back: *wings* ferruginous at the baſe.

Subſultan. Gloſſy-black: wings white immaculate.
Inhabits *Germany*; half the ſize of the laſt.
Poiſers yellow: *legs* black.

Glaucia. Slightly downy, black: abdomen with a pellucid baſe and 2 whitiſh interrupted belts.
Inhabits *Europe*.
Mouth whitiſh: *antennæ* and *crown* black: *thorax* immaculate: *ſcutel* glaucous at the tip: *legs* black, the 4 fore-ones with ferruginous joints.

Nigrita. Slightly downy, black: abdomen with 2 pellucid ſpots on the firſt ſegment.
Inhabits *Europe*, in gardens.

*Cibbofa. Slightly downy; thorax ferruginous on the fore-part: abdomen ſubglobular, pale tipt with black.
Inhabits *England*; ſmall.
Mouth white: *front* ferruginous with a black line: *thorax* ferruginous before and black behind: *legs* black: *wings* white.

*Ribeſii. Nearly naked: thorax immaculate: abdomen with 4 yellow belts, the firſt interrupted.
Degeer. Inſ. 6. *tab.* 6. *fig.* 8. *Goed. Inſ.* 1. *tab.* 41.
Found generally among the *Aphides Ribis*.

Bifaſciata. Downy; thorax bronzed: abdomen black with 2 yellow belts, the firſt interrupted.
Inhabits *Europe*; ſize of the laſt.
Mouth yellow: *antennæ* black: *ſcutel* yellow: *legs* yellow, thighs black at the baſe.

*Pyraſtri. Nearly naked, black: thorax immaculate: abdomen with 3 pair of white recurved lunules
Reaum. Inſ. 3. *tab.* 31 *fig.* 9. *Albin. Inſ tab.* 66
Degeer. Inſ. 6. *tab.* 6. *fig.* 8. *Merian. Europ. tab.* 89.
Found among the *Aphides Pyri*.

Trimaſtri. Downy; thorax ſlightly bronzed: abdomen black with 3 whitiſh bands, the ſecond interrupted.
Inhabits *Germany*, on flowers.

Front yellow: *antennæ* black: *ſcutel* yellow: *wings* immaculate: *legs* yellow, thighs black at the baſe.

Tranſuga. Downy; abdomen black with 3 pair of whitiſh lunules.
Inhabits *Europe*.
Antennæ black: *head* yellowiſh with a black proboſcis: *thorax* blueiſh-black with yellowiſh ſides and ſcutel: *legs* teſtaceous, thighs black.

Salutior. Naked, yellow; back of the thorax and edges of the abdominal ſegments black.
Inhabits *Sierra Leona*.
Mouth yellow: *antennæ* fulvous: *front* black between the eyes.

Corollae. Downy; thorax bronzed with a yellowiſh lateral line and ſcutel: abdomen depreſſed black with 6 yellow ſpots and tip.
Inhabits *Kiel*.
Head yellow naked: *antennæ* brown: *abdomen* beneath yellow with 3 black ſtreaks: *legs* yellow.

Umbellatarum. Nearly naked: thorax blueiſh: abdomen black with 3 white ſpots at the ſides and 2 ſtreaks.
Inhabits *Germany*.
Head yellow with a black line down the middle: *antennæ* black: *ſcutel* yellow: *wings* white: *fore-legs* teſtaceous, the thighs black at the baſe: hind-ones black.

Abdominalis. Black; abdomen rufous with a black tail: antennæ long with a ſnowy hair.
Inhabits *France*.
Firſt ſegment of the *abdomen* with a black ſpot: *legs* ſimple black.

Roſarum. Naked; thorax black-bronze: abdomen black with 2 yellow ſpots.
Inhabits *Germany*, on flowers.
Head black: *abdomen* with ſometimes 2 ſmaller ſpots behind: *legs* black, the 4 fore-ſhanks yellow: *wings* white with a faint brown ſpot at the margin.

Mallina. Naked; thorax ſlightly bronzed immaculate: abdomen with 8 yellowiſh ſpots.
Inhabits *Europe*, among various ſpecies of Aphis.

Men-

*Menthaſtri. Naked, black: thorax ſpotted: abdomen with 4 yellow belts: ſcutel yellow.
Inhabits *Europe*, among various kinds of Aphis.

Scalaris. Nearly naked, ſhining-bronze: abdomen with 6 fulvous ſpots.
Inhabits *Kiel*; reſembles M. mellina.
Abdomen beneath yellow with a bronzed tail: *legs* yellow.

*Scripta. Naked; thorax with yellow lines: abdomen linear, with yellow bands.
Inhabits *Europe*. *Reaum. Inſ.* 4. *tab.* 10. *fig.* 2, 3.

Gemmi. Shining black-bronze: abdomen rufous with a bronzed baſe and tip.
Inhabits *Germany*.
Scutel ſometimes blue: *abdomen* flat rufous, the firſt ſegment and 2 laſt black bronze and ſometimes ſpotted with rufous: *legs* rufous or black.

Biſpar. Naked; thorax black with a yellow lateral line: abdomen variegated with yellow and black.
Inhabits *South America*, on the Parthenium hyſteropherum.
Male. *Head* whitiſh: *antennae* yellow: *ſcutel* edged with yellow: *abdomen* elongated ſubferruginous with a black baſe and band: *legs* yellow, hind-thighs with a black band.
Female. *Head* yellow with a black line between the eyes: *antennae* teſtaceous: *ſcutel* edged with yellow: *abdomen* black with 4 pale yellow ſpots each ſide: *wings* hyaline: *legs* yellow; hind-thighs with a black band, the ſhanks black.

Betiarea. Downy; abdomen yellow, the margins of the ſegments black with a yellow band.
Inhabits *Denmark*, on flowers.
Head cinereous: *antennae* yellowiſh: *thorax* bronzed, with 4 whitiſh lines: *ſcutel* yellowiſh: *legs* yellow: *wings* white.

*Albimanus Downy; thorax bronzed: abdomen elongated black with 4 white dots.
Inhabits *England*. In the muſeum of Sir *Joſ. Banks*.
Mouth bronzed with a raiſed line in the middle: *legs* brown, fore-ſhanks white.
2. *Abdomen* with 6 white dots: *legs* yellow.

Dimidiata. Naked, deep black: wings black at the baſe.
Inhabits *South American Iſlands*; ſmall.
Thorax brown: *wings* white from the baſe to the middle.

**Pipiens.* Naked: abdomen ſpotted with white at the ſides: hind-thighs clavate and toothed.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 7. *fig.* 8.

Gibba. Variegated with black and yellow: head minute and orbicular.
Inhabits *Barbary*. *Vall.* 3. *tab.* 10. *fig.* 21.
Thorax elevated gibbous, black with a yellow lateral margin and 2 ſpots on the fore-part: *ſcutel* yellow: *abdomen* black, the ſegments edged with yellow and interrupted in the middle: in each ſegment is a yellow dot each ſide near the yellow margin: *legs* yellow.

Gibboſa. Downy, brown: abdomen ſubglobular black with 4 white belts: ſcales of the poiſers inflated.
Inhabits *Europe* *Schaeff Icon. tab.* 200. *fig.* 1.
Head ſmall round: *thorax* gibbous: *wings* large white: *ſhanks* ferruginous.

Orbicula. Naked, black: abdomen tipt with white.
Inhabits *Kiel*; ſmall.
Head ſmall round: *thorax* naked: ſcales of the *poiſers* large white inflated: *wings* white immaculate: *legs* pale.

Erratica. Nearly naked: thorax immaculate; ſcutel ferruginous: abdomen with 3 whitiſh belts.
Inhabits *Europe*.

Groſſipes. Glabrous, black with pale eyes: legs piceous, the hind-ones very large.
Inhabits *Europe*; ſmall.
Wings hyaline incumbent.

Saltatrix. Naked, yellow: abdomen brown above: thorax with 3 brown lines.
Inhabits *Europe*, and ſkips like a Cicada. *Fn. Suec*, 2317.

Ochroleuca. Front white: crown and thorax yellow: abdomen ochre-yellow: legs black: hind-thighs thick: wings white with a brown band.
Inhabits *Europe*. *Muſ. Leſk. p.* 128. *n.* 60.

Fulva. Thorax fulvous: abdomen black with fulvous down, beneath ferruginous each ſide; thighs black; ſhanks yellow, the hind-ones black towards the tip; wings white with a black band.
Inhabit *Europe*. *Muſ. Leſk. p.* 128. *n.* 61.

Rubi-

Rubiginoſa Black; ſcutel yellow; wings with white veins: 2 firſt ſegments of the abdomen with a ferruginous band at the baſe; thighs ferruginous, the hind-ones thick and black towards the tip; ſhanks brown, the hind-ones curved.
Inhabits *Europe*. *Muſ. Lesk. p.* 128. *n.* 62.

Leucocephala. Head white; eyes coppery dotted with brown; thorax cinereous with 4 black bands; abdomen blue-black.
Inhabits *Europe*. *Muſ. Lesk. p.* 129. *n.* 63.

Valga. Oblong, black with rufous legs; hind-thighs long and thick with black curved ſhanks.
Inhabits *Europe*. *Muſ. Lesk. p.* 129. *n.* 65.

Melanochryſa. Black; ſecond and third ſegments of the abdomen fulvous.
Inhabits *Europe*. *Muſ. Lesk. p.* 129. *n.* 66.

Enea. Thorax ſlightly bronzed: abdomen black with 2 cinereous bands: legs yellow, thighs black at the baſe.
Inhabits *Europe*. *Muſ. Lesk. p.* 129. *n.* 72.

Interrupta. Thorax ſlightly bronzed; abdomen black with a yellow band on the 2 firſt ſegments, the firſt interrupted: legs yellow, the ends of the hind ones brown.
Inhabits *Europe*. *Muſ. Lesk. p.* 129. *n.* 73.

Nævia. Black: thorax ſpotted: abdomen with 4 interrupted bands: wings with a brown marginal ſpot.
Inhabits *Europe*. *Muſ. Lesk. p.* 129. *n.* 74.

Chryſozonias. Thorax ſlightly bronzed with 2 obſolete bands: ſcutel pale: abdomen with 4 interrupted yellow bands and tip.
Inhabits *Europe*. *Muſ. Lesk. p.* 129. *n.* 75.

Lutcola. Black: ſecond ſegment of the abdomen yellow each ſide
Inhabits *Europe*. *Muſ. Leſk. p.* 129. *n.* 77.

Lineolata. Black-bronze: crown with impreſſed tranſverſe lines each ſide: abdomen depreſſed.
Inhabits *Europe*. *Muſ. Leſk. p.* 129. *n.* 78.

Praſina. Thorax black: abdomen greeniſh-black, a little downy and depreſſed.
Inhabits *Europe*. *Muſ. Lesk. p.* 129. *n.* 79.

Puſilla

Pulilla. Minute, black with a white front: abdomen depreſſed; wings white: legs ruſty-brown.
Inhabits *Europe. Muſ. Lesk. p.* 129. *n.* 80.

Atropos. Slightly downy: thorax whitiſh with 3 black ſpots; abdomen black with interrupted yellow bands and margins of the ſegments.
Inhabits *Auſtria. Schranck. Auſt. p.* 446. *n.* 904.

Alternata. Thorax green-black; ſcutel yellow: abdomen black with yellow bands alternately larger, the firſt interrupted.
Inhabits *Auſtria, Schranck. Inſ. Auſt. p.* 448. *n.* 908.
Abdomen with 7 bands: *legs* yellow.

Murina. Grey: thorax with 3 black lines: wings ſpotted with brown.
Inhabits *Auſtria. Schranck. Auſt. p.* 450. *n.* 912.

Elephantopus. Black; abdomen ferruginous at the baſe: hind-thighs thick.
Inhabits *Auſtria. Schranck. Inſ. Auſt. p.* 450. *n.* 913.

Obſcuſcata. Black: baſe of the ſhanks and antennæ fulvous-brown.
Inhabits *Auſtria. Schranck. Auſt. p* 452. *n.* 916.

Dizonias. Naked, black: abdomen with 2 yellow belts; 4 fore-legs yellow.
Inhabits *Auſtria. Schraack. Aust. p.* 452. *n.* 917.

Larvata. Silvery-teſtaceous: head inflated ſnowy: legs annulate with black: wings brown with hyaline ſpots.
Inhabits *Auſtria. Schranck. Aust. p.* 452, *n.* 918.

Monculus. Eyes large, very approximate: thorax brown: abdomen pale gold.
Inhabits *South America. Act. Stockh.* 1787, 4. *n.* 2. 46.

Depreſſa. Abdomen roundiſh and depreſſed with 3 yellow bands, the firſt and third interrupted.
Inhabits *Kamtſkatka. Act. Stockh.* 1787, 4. *n.* 2, 47.

Americana. Thorax pale with a black band: abdomen reddiſh on the back and tipt with black.
Inhabits *America. Act. Stockh.* 1787, 4. *n.* 2, 48.
Body very large and covered with thick down.

B. *Feelers* 0.

a. *Sucker with a ſingle recurved briſtle without ſheath; antennæ inſerted at the baſe of the proboſcis.* Nemotilus.

*Uliginoſa. Black; abdomen ſnowy tipt with black.
Inhabits *Germany*: *Geoffr. Inſ.* 2. *tab.* 18. *fig.* 4.
Proboſcis cylindrical, grooved on the back for the reception of the briſtle: *front* with a white dot: *poiſers* white: *legs* pale.

*Marginata. Black; margin of the abdomen and ſhanks whitiſh.
Inhabits *England* and *France*.
Head black: *antennæ* united at the baſe: *thorax* black-bronze; *abdomen* depreſſed, with few faint whitiſh ſpots on the back: *thighs* black: *wings* white.

*Villoſa. Black with cinereous hairs: ſegments of the abdomen with a lateral whitiſh margin.
Inhabits *Hungary*; large. *Poiſers* yellow.

*Punctata. Black with 3 lines of yellowiſh dots on the abdomen.
Inhabits *Barbary*; larger than M. uliginoſa.
Legs yellowiſh, ſhanks and baſe of the thighs black.

*Minor. Black: abdomen ſnowy with a black ſpot at the baſe.
Inhabits *Tranquebar*. Nemotelus puſillus. *Fab.* iv. 271.
Head black with a whitiſh mouth: *ſcutel* black edged with white: *abdomen* depreſſed: *wings* white: *legs* black with white joints.

*Tarda. Smooth, black; thorax ſlightly bronzed: legs ſubteſtaceous.
Inhabits *Europe*. *Fn. Suec.* 1786.
Wings incumbent, which renders it motion very ſlow.

*Formoſa. Thorax green: abdomen blue, dilated.
Inhabits *Austria*. *Schranck. Inſ. Aust. p.* 443. *n.* 899.
Body blueiſh-black: joints of the *legs* fuſous.

b. *Sucker with a ſingle briſtle, without ſheath: antennæ approximate, with an ovate compreſſed club.* Mydas.

*Filata. Black; ſecond ſegment of the abdomen pellucid at the ſides: hind-thighs ſerrate.
Inhabits *South America*. *Drury. Inſ.* 1. *tab.* 44. *fig.* 1.
Wings dull blue: *hind-thighs* ſerrate beneath.

Leucopus. Abdomen black, the edges of the segments pellucid: ends of the legs white.
Inhabits *South America*. *Degeer. Inf.* 6. *tab.* 29. *fig* 8.
Size of a common Wasp. *Sucker* short, the bristle placed in a groove on the back: *antennae* twice as long as the head: first segment of the *abdomen* beneath red.

Bilineata. Black with 2 white lines on the thorax: shanks ferruginous at the base.
Inhabits *New Zealand*. Museum of Sir *Jos. Banks*.
Thorax hairy: *abdomen* subconic elongated: wings white with a black outer margin.

Nectarivora. Black; antennæ cylindrical perfoliate: wings white.
Found on the flowers of fruit-trees, where it sits the whole day extracting nectar. *Body* small oblong.

101. TABANUS. *Mouth* with a straight exserted membranaceous proboscis, terminated by 3 equal lips: *sucker* projecting exserted and placed in a groove on the back of the proboscis, with a single-valved sheath and 5 bristles: *feelers* 2, equal, clavate and ending in a point: *antennae* short approximate cylindrical, with an elevated tooth at the base.

These insects live by sucking out the blood of various animals, of which they are very greedy: the *larvae* are found under ground, in moist meadows: the colour of the eyes vanishes when the insect is dead, but may be restored by placing it in warm water.

Rostratus. Eyes brownish: sucker as long as the body.
Inhabits the *Cape of good hope*
Segments of the *abdomen* cinereous downy at the tip.

Barbatus. Eyes black: sucker half as long as the body.
Inhabits the *Cape of good hope*. *Mus. Lud. Ulr.* 422.

Hastellatus Eyes brownish: abdomen black, with fulvous down at the margin: sucker half as long as the body.

Inhabits

Inhabits *Spain*. T. mauritianus. *Linn. Syst.* ?
Thorax downy brown: *abdomen* shining black.

Proboscideus. Eyes browniſh: wings ſpotted with brown: ſucker half as long as the body.
Inhabits *Barbary*: a little leſs than the laſt.
Sucker blackiſh with a ferruginous baſe: *antennae* cinereous, the laſt joint ferruginous: *head* and *thorax* downy cinereous: *abdomen* ſometimes ferruginous, ſometimes with the firſt ſegment ferruginous, the reſt black edged with white: *legs* ferruginous.

**Bovinus.* Eyes greeniſh: back of the abdomen with white triangular longitudinal ſpots.
Inhabits *Europe*, and is extremely troubleſome to cattle.
Degeer. Inſ. 6. *tab.* 12. *fig.* 10, 11. *Reaum.* 4. *tab.* 17. *fig.* 8. *Harris's. Eng. Inſ. tab.* 7. *fig.* 2. *Schaeff. Elm. tab.* 122.

Lineatus. Eyes greeniſh: thorax with ferruginous lines: abdomen dull blueiſh; antennæ rufous.
Inhabits *America*; ſize of T. bovinus.
Mouth covered with cinereous down: *wings* brown: *legs* piceous.

Morio. Eyes brown: wings duſky: body deep black.
Inhabits *Barbary*. *Roſs. Fn. Etruſc. tab.* 1. *fig.* 2.

**Autumnalis.* Wings hyaline: abdomen brown with a triple row of whitiſh ſpots.
Inhabits *Europe*. *Harris. Engl. Inſ. tab.* 7, *fig.* 4.

Faſciatus. Eyes green: body cheſnut-brown: wings with a brown band.
Inhabits *Sierra Leona*; ſize of T. bovinus.
Mouth and *body* beneath paler: *wings* white with a brown baſe and band: *legs* black, thighs pale.

Calens. Eyes green; abdomen with a white line down the back: antennæ red.
Inhabits *South America*. *Degeer. Inſ.* 6. *tab.* 30. *fig.* 1.
Antennae tipt with brown: *thorax* brown with cinereous lines: *legs* brown, ſhanks white at the baſe.

Tarandinus Eyes green: ſegments of the abdomen edged with pale yellow: legs rufous.
Inhabits *Northern Europe*: wounds the young horns of the Reindeer, making them grow deformed.

Albipes. Thorax and firſt ſegment of the abdomen covered with cinereous down: ſhanks white.
Inhabits *France:* ſize of T. bovinus.
Head black: *eyes* rufous: *abdomen* black: *wings* whitiſh at the baſe and duſky in the middle: *legs* black.

Fervens. Eyes green: head and thorax brown: antennæ and abdomen pale yellow.
Inhabits *South America. Degeer. Inſ.* 6. *tab.* 30. *fig.* 4.

Exeſtulans. Eyes green: ſegments of the abdomen edged with white: ſhanks white.
Inhabits *South America. Drury. Inſ.* 6. *tab.* 30. *fig.* 5.

Luſicornis. Eyes banded: wings white with a brown rib: antennæ rufous.
Inhabits *America. Drury. Inſ.* 1. *tab.* 44. *fig.* 2.
Head covered with cinereous wool: *thorax* piceous: *abdomen* black, the edges of the ſegments above blue, beneath white: *legs* brown with rufous thighs.

Pellucens. Eyes banded: black, firſt ſegment of the abdomen blueiſh: ſhands white.
Inhabits *Germany*; ſize of T. ruſticus.
Firſt ſegment of the *abdomen* blueiſh with a brown ſpot in the middle, beneath pellucid: the others above immaculate, beneath with a blueiſh ſpot each ſide in which is a black dot.

Atratus. Abdomen blueiſh: wings black.
Inhabits *American Iſlands.* In the muſeum of Sir *Joſ. Banks.*
Abdomen blueiſh with a black tail: *antennae* and *legs* black.

Bromius. Eyes with a purple band: body cinereous.
Inhabits *Europe. Schaeff. Icon. tab.* 130. *fig.* 6.

Cinctus. Deep black: 3 firſt ſegments of abdomen rufous: wings black.
Inhabits *Virginia*; ſize of the laſt.

Cayennenſis Eyes brown before and green behind: abdomen black, the ſecond and third ſegments fulvous, the reſt edged with white.
Inhabits *Cayenne*; ſmall.

Antennæ

Antennae fulvous: *mouth* cinereous with a black proboſcis: *thorax* duſky with fulvous down: *legs* black, the 4 hind-thighs rufous.

Nigrita. Black: wings with a pale ſpot at the tip.
Inhabits *France*: ſize of T. bromius.

Italicus. Eyes brown: body cinereous: abdomen duſky with a pellucid pale baſe.
Inhabits *Italy*: ſmall.
Firſt ſegment of the *abdomen* with cinereous dorſal line: *legs* pale ferruginous tipt with black.

Mexicanus. Body livid: antennæ and nerves of the wings green with anaſtomoſing dots.
Inhabits *Surinam*. *Degeer. Inſ.* 6. *tab.* 30 *fig.* 6.

*Rusticus. Eyes glaucous: body cinereous: front with 2 black dots.
Inhabits *Europe*.

*Paganus. Eyes glaucous, the fore-part green with 3 fulvous bands: abdomen with ferruginous ſpots at the ſides.
Inhabits *England*. *Harris. Engl. Inſ. tab.* 7. *fig.* 1.
Mouth covered with cinereous hairs: *thorax* cinereous downy with 4 brown ſtreaks: *abdomen* brown, beneath cinereous, each ſegment with a ferruginous ſpot each ſide and an adjacent black one: *wings* hyaline: *legs* cinereous the ends black.

Punctatus. Eyes teſtaceous: body cinereous downy: wings white dotted with black.
Inhabits *Caeynne*; ſize of T. ruſticus.
Thighs green, ſhanks white: rib of the *wings* ſubferruginous.

Lanio. Eyes brown: body cinereous downy: abdomen pellucid tipt with brown.
Inhabits *Cayenne*; reſembles the laſt.
Wings white with a pale ferruginous rib: *thighs* greeniſh at the tip.

Occidentalis. Eyes with 2 brown bands: body brown with 3 fulvous lines on the abdomen.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 30. *fig.* 3.

*Tropicus. Eyes with 3 purpliſh bands: abdomen ferruginous at the ſides.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 12. *fig.* 15.

Græcus. Brown; sides of the abdomen ferruginous, the edges of the segments cinereous: antennæ rufous tipt with black.
Inhabits *Italy*; size of T. tropicus.
Head cinereous: *sucker* ferruginous: *eyes* with a black line between them: *thorax* with thin ferruginous down: *scutel* whitish with a ferruginous rib: *legs* black, shanks ferruginous.

Borealis. Eyes with 3 purplished bands: abdomen black, the segments whitish at the edges.
Inhabits *Norway*; size of T. pluvialis.
Thorax brown: *abdomen* black with a faint glaucous spot each side on each segment: *legs* black.

Antarcticus Eyes with 4 brown bands: shanks white.
Inhabits *America*. *Wings* white with a brown rib.

**Pluvialis* Eyes green with 4 waved bands: wings with brown dots.
Inhabits *Europe*. *Donovan.* v. *tab.* 151. *fig.* 3.
Reaum. 4. *tab.* 81. *fig.* 1. *Harris. Eng. Inf tab.* 7. *fig.* 8.
Degeer. 6. *tab.* 13. *fig.* 1. 2.
Like T. cæcutiens, this little insect fixes on the hands face and legs, exciting a painfull inflammation in the part where it has drawn blood.
Thorax grey-brown with 7 lines: *abdomen* grey with black transverse lines: *legs* black.

Lineola. Brown; abdomen subferruginous, the back brown with a white line.
Inhabits *North America*; larger than the last.
Mouth white: *antennæ* testaceous: *thorax* with a callous ferruginous dot before the wings: *legs* black with ferruginous shanks.

Lunatus. Cinereous; thorax black with white lines: abdomen with 3 rows of black lunules.
Inhabits *Barbary*; size of T. pluvialis.
Antennæ cinereous, the last joint rufous, the tip black: *head* with 3 black glabrous dots between the eyes: *thorax* with 5 lines: *scutel* black: *abdomen* whitish, each segment with 4 black lunules: or black with 3 lines of whitish spots: *wings* whitish: *legs* testaceous with cinereous thighs.

Equorum. Black; sides of the abdomen rufous at the base: wings brown with white dots.
Inhabits *Germany*; size of T. pluvialis.

Antennæ

Antennæ black, the ſecond joint ruſous at the baſe : *front* with a black dot between the antennæ : *thorax* black with white lines : *abdomen* ſubconic, the 3 firſt ſegments ruſous at the ſides, the reſt edged with white : *legs* black ; *fore ſhanks* with a teſtaceous ring, hind-ones with 2.

Macularis Brown : thorax with 4 whitiſh lines : abdomen with lateral pale ſpots.

Inhabits *Morocco*; larger than T. pluvialis.

Antennæ cinereous tipt with black : *head* cinereous, crown brown *legs* black with ferruginous ſhanks : *wings* whitiſh with a pale brown waved ſtreak in the middle.

Vittatus. Brown ; thorax with 4 pale lines, abdomen with 2, and whitiſh beneath.

Inhabits *Morocco* ; reſembles the laſt.

Antennæ cinereous; the tip ruſous: *head* cinereous, crown brown: *legs* pale with black thighs : *wings* whitiſh.

Longicornis Eyes ſpotted : wings brown on the thicker half with a triangular white ſpot in the middle : antennæ long.

Inhabits *Braſil.* Muſeum of Sir *Joſ. Banks.*

Antennæ brown with a paliſh baſe and 1-toothed in the middle : *eyes* brown at the baſe, the tip paler with a brown curve and ſpot : *thorax* brown, the 2 firſt ſegments with a yellow ſtreak at the baſe.

Striatus. Cinereous; abdomen brown with 3 abbreviated white lines.

Inhabits *China.*

Mouth whitiſh : *antennæ* reddiſh : *thorax* with faint lines : *hind-ſhanks* paler.

Bidentatus. Ferruginous : abdomen with 2 yellow ſpots each ſide ; ſcutel 2-toothed.

Inhabits *Auſtria* : larger than T. pluvialis.

Thorax gibbous : firſt ſegment of the *abdomen* with a brown ſpot, the 2 next with a yellow marginal ſpot each ſide : *legs* ferruginous.

Biſpinosus. Brown : abdomen ferruginous with a black baſe : ſcutel black, 2-toothed.

Inhabits *Germany*; ſize of the laſt.

Thorax downy with faint lines : firſt ſegment of the *abdomen* black, the reſt ferruginous with a black ſpot and yellow ſides.

* *Cæcuti*

* *Cæcutiens* Eyes green with black dots: wings with a black outer margin and band in the middle.
Donovan. iv. *tab.* 131. *Harris's Eng. Inf. tab.* 7. *fig.* 5.
Degeer. Inf. 6. *tab.* 13. *fig.* 3. *Schaeff. Icon. tab.* 8. *fig.* 1.
Inhabits *Europe* and *America*, and is extremely troublesome in hot weather, especially before rain, fixing on the hands and face or any uncovered part, dexterously opening a vein and leaving an inflamed and bloody puncture behind.
Antennae and *legs* black: *thorax* brown with 4 yellow lines: *abdomen* yellow with triangular black marks and tip.

Morens, Eyes black varied with whitish: wings white with a black outer margin and band in the middle.
Inhabits *Cayenne*; resembles the last.
Antennae black with a whitish base: *head* whitish with 2 black lines under the antennæ and 2 dots on the crown: *thorax* white with black lines: *abdomen* grey, the first segment yellowish with a black curve, 2, 3. with 2 black spots at the base: *wings* with a white dot in the black band: *legs* black with testaceous shanks

Fenestratus. Pale cinereous with black lines: wings with a brown band spotted with white.
Inhabits *France*; size of the last.
Antennae black with a yellow base: *head* with 2 black dots under the antennæ and 2 on the crown: *thorax* with 3 black lines: *abdomen* blueish, the 3 first segments with 2 black lines: *wings* with a black rib: *legs* ferruginous tipt with black.

Collatus, Thorax and abdomen yellow with black lines: wings with a yellow rib and tipt with brown.
Inhabits——size of the former ones.
Antennae testaceous: *head* whitish with a black mouth and 2 dots: *thorax* with 3 lines: *scutel* yellow edged with black: *abdomen* with 4 lines.

Lugubris. Eyes and body black: wings brown with a white spot.
Inhabits *Europe*.

Viduatus. Black; segments of the abdomen edged with fulvous: wings black with 2 white sinuosities on the thinner margin.
Inhabits *Germany*; size of the last.
Front cinereous with 2 raised black dots; *thorax* with a lateral reddish line: first segment of the *abdomen* rufous at the sides, the rest at the edges: *legs* black.

Septal-

Sepulchralis Black; wings white with a black rib and tranſverſe ſpot in the middle.
Inhabits *Germany*; ſize of T. lugubris.

Griſeus. Black; thorax grey: ſecond ſegment of the abdomen with a common cinereous band behind, 4, 5, 6. cinereous each ſide: wings ferruginous.
Inhabits out of *Europe*. *Muſ. Lesk. p.* 133. *n.* 175.

Albidus. Downy; eyes with 4 bands: abdomen with a black belt ſhanks white.
Inhabits *Europe*. *Schranck. Inſ. Aust. p.* 480. *n.* 977.

Maritimus. Cinereous; wings hyaline with a black margin and broad band.
Inhabits *Europe*. *Schranck. Inſ. Auſt. p.* 480. *n.* 979.

102, CULEX. *Mouth* with a ſingle-valved exſerted flexile ſheath incloſing 5 briſtles; *feelers* 2, of 3 articulations: *antennæ* approximate, filiform. *Gnat.*

Theſe like the former inſects, live by ſucking out the blood and juices of the larger animals, and are eagerly ſought after by poultry and ſparrows: the *larvæ* reſides in ſtagnant waters and has a ſmall cylindrical reſpiratory tube near the tail, the head is armed with hooks to ſeize on the aquatic inſects upon which it feeds: the *pupa* is incurved and ovate with reſpiratory tubes near the head.

Pipiens. Cinereous with 8 brown rings on the abdomen.
Reaum. Inſ. 3. *tab.* 43. 44. *Roeſ. Inſ.* 3. *tab.* 15.
Swammerdam. Bib. Nat. tab. 31. *fig.* 4—8. *tab.* 32. *fig.* 1—5.
Inhabits *Europe*, and is every where known by its ſhrill buzzing noiſe and ſevere puncture. It is ſaid ſometimes to ſhine by night.
In the ſavannas of warmer climates a much larger ſpecies is found, known by the name of the *Muſqueto fly*, which inflicts ſo ſevere a wound, that the inhabitants are obliged to ſleep under thin gauze nets.
Antennæ of the male pectinate or feathered.

Annulatus. Brown, abdomen and legs annulate with white: wings ſpotted with brown.
Inhabits

Inhabits *Germany*; size of the former.
Proboscis half as long as the body: segments of the *abdomen* edged with white, the first segment with a white dorsal line.

**Trifurcatus.* Brown with faint lines on the thorax.
Reaum. Inf. 4. *tab.* 40. *fig.* 1, 2. *Sulz. Inf.* 21. *fig.* 136.
Inhabits swamps and marks of *Europe*.

Lutescens. Yellow; wings hyaline with a yellowish rib.
Inhabits *Germany*; size of the last.
Sucker terminated by a black dot.

Hæmorrhoidalis. Brown; abdomen edged with rufous fringe at the tip.
Inhabits *Cayenne*, the largest of its family.
Antennae with very thick verticillate hairs; brown, the first joint naked and shining blue: *head* brown with a shining-blue crown: *thorax* elevated brown with a blue fore-margin and dot before the wings: *legs* blue, thighs testaceous beneath: *wings* white with a brown rib.

Ciliatus. Black with 2 yellow dorsal lines on the thorax: legs yellow.
Inhabits *Carolina*; less than the last.
Antennae verticillate pale cinereous: *proboscis* yellowish tipt with black: *head* black with snowy specks: *abdomen* cylindrical: *wings* dusky, the thinner margin deeply fringed: all the *shanks* and hind-tarsi fringed.

Ciliaris. Brown testaceous; wings fringed.
Inhabits *Europe*; half the size of C. pipiens.
Antennae black with verticillate hairs: *abdomen* brownish.

**Pulicaris.* Brown; wings white with 3 dusky spots.
Inhabits *Europe*. *Derham Physico-theol.* 1. 11. *fig.* 5, 6.
Makes an itching puncture and leaves behind it a brown mark.

**Reptans.* Black with hyaline wings: legs black with a white ring.
Inhabits *Europe*, and is very troublesome.

**Morio.* Black with white wings: hind-thighs clavate and serrate.
Inhabits *England*; larger than C. pulicaris.
Antennae with tufted hairs: *fore-thighs* pale at the base.

**Equinus.* Black; abdomen brown: front white.
Inhabits *Europe*, and is generally found concealed among the hairs of horses.

Stercoreus.

Stercoreus. Teſtaceous; wings reticulate: thorax with a blackiſh line, abdomen with 3.
Inhabits *Europe*, about filthy ſubſtances.

Variegatus. Cinereous; legs variegated with white and black.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt p.* 482. *n.* 983.
Head and *poiſers* black: *wings* fringed.

Argenteus. Black covered with ſilvery ſcales: legs banded.
Inhabits *Barbary*. *Journ. de Phyſ.* 1787. *Apr. p.* 245.

103. EMPIS. *Mouth* with an inflected ſucker and proboſcis; *ſucker* with a ſingle-valved ſheath and 3 briſtles: *feelers* ſhort filiform: *antennae* ſetaceous.

Theſe minute inſects live likewiſe, by ſucking out the blood and juices of other animals.

**Borealis.* Black with roundiſh ruſty-brown wings.
Inhabits *Europe*, and is ſeen ſwarming in the air on a ſtill evening.
Wings very large: *abdomen* with a bifid tail.

Cylindrica. Ferruginous; abdomen long cylindrical black.
Inhabits *Barbary*.
Thorax with a black dorſal line: *proboſcis* black: *wings* oblong blackiſh: *legs* ferruginous.

Marginata Black; wings white with black margins.
Inhabits *Saxony*; ſmall.

Clavipes. Black; hind-thighs thick and ſerrate beneath.
Inhabits *Zealand*.
Proboſcis ſmall ſtraight: *thorax* gibbous: *poiſers* yellow.

**Pennipes.* Black with long feathered hind-legs.
Inhabits *Europe*, on the flowers of the Geranicum ſylvaticum and Cardamines pratenſis. *Sulz. Inſ. tab.* 21. *fig* 127.
2. Four hind-thighs feathered: wings brown with a black rib.
Inhabits *Europe*. *Muſ. Lesk. p.* 31. *n.* 209.

Forcipata. Cinereous; wings oblong with a black coſtal ſpot: tail terminated by an appendage.
Inhabits *Northern Europe*.

Maura. Black; fore-tarsi thick and ovate.
Inhabits *Kiel*; about stagnant waters.
Sucker straight, as long as the proboscis, the sheath emarginate: *wings* white, half of the rib brown.

* *Livida.* Livid; thorax pale green with 3 black lines: base of the wings and legs ferruginous.
Inhabits *Europe*. *Degeer. Inf.* 6. *tab.* 14. *fig.* 14.

Ciliata. Blackish; wings with a brown rib; legs black, the 4 hind-ones feathered.
Inhabits *Kiel*; size of E. livida.
Head black with a testaceous proboscis: *thorax* hairy.

Tessellata. Hairy, cinereous; thorax with black lines: abdomen tessellate.
Inhabits *Barbary*; size of E. livida.
Antennae black: *abdomen* tessellate, the segments cinereous at the base and tipt with black: *wings* brown with a testaceous base: *legs* ferruginous.

Merio. Hairy, black with whitish lines on the thorax: wings brown.
Inhabits——size of E. livida.
Eyes large testaceous: *legs* black with subtestaceous shanks: *wings* a little testaceous at the base.

**Cinerea.* Cinereous; thorax immaculate: legs pale: wings brownish at the tip.
Inhabits *Europe*, on umbellate flowers: small.

Nigripes. Cinereous; thorax with brown lines: wings white: legs black.
Inhabits *Germany*; size of the last.
Head grey: *proboscis* and *antennae* black.

Fuscipes. Cinereous; wings white with a black marginal spot: legs brown.
Inhabits *Denmark*; small.
Proboscis and *antennae* black: *abdomen* brownish.

Maculata. Cinereous; proboscis sides of the abdomen and legs testaceous: wings white spotted with brown.
Inhabits *Italy*; size of E. cinerea.
Thorax cinereous with faint lines: *legs* testaceous with black claws: *abdomen* with a testaceous line each side.

* *Stercorea.*

* *Stercorea.* Teſtaceous with a black dorſal line: wings reticulate.
Inhabits *Europe*, on umbellate flowers.

Plumbea. Cinereous; thorax with black lines: ſegments of the abdomen black at the baſe.
Inhabits *Italy*; ſmall.
Wings hyaline with an oblong brown ſpot: *legs* black.

Minuta. Black with white wings and teſtaceous legs.
Inhabits *Denmark*, on fungi; ſmall.

Flaviper. Cinereous; abdomen black: wings hyaline: legs teſtaceous.
Inhabits *Denmark*, on flowers; very ſmall.
Legs teſtaceous, the tarſi dotted with black.

Nigripennis Black with teſtaceous thighs: wings black hyaline.
Inhabits *Denmark*, on flowers: ſmall.
Eyes large, in the living inſect red and black when it is dead.

Melanocephala. Teſtaceous; head and back of the abdomen black.
Inhabits *Germany*; very ſmall.
Antennae cylindrical black, the baſe teſtaceous with a long hair: *wings* hyaline: *legs* teſtaceous.

Craſſiper. Black; all the tarſi with a long thick joint: wings white, lower half of the outer margin black.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 484. *n.* 988.

Ruſipes. Black with a greyiſh hue: legs ferruginous.
Inhabits *Europe*. *Muſ. Lesk. p.* 135. *n.* 212.

4-*lineata.* Black with a greyiſh gloſs: thorax with 4 lines: abdomen cylindrical and inflected at the tip.
Inhabits *Europe*. *Muſ. Leſk. p.* 135. *n.* 211.

3-*lineata.* Cinereous: thorax with 3 black impreſſed lines: wings white: legs pale yellow.
Inhabits *Europe*. *Muſ. Leſk. p.* 135. *n.* 210.

Nigricrus. Cinereous; thighs black, ſhanks and wings ferruginous.
Inhabits *Europe*. *Muſ. Lesk. p.* 135. *n.* 208.

Gibboſa. Brown; thorax gibbous: abdomen thin: wings ſpotted: ſhanks and ends of the legs white.
Inhabits *Europe*. *Muſ. Lesk. p.* 135. *n.* 216.

Fuscipes. Grey-brown: wings white: legs livid, black at the ends.
Inhabits *Europe*. *Mus. Lesk. p.* 135. *n.* 217.

Leucoptera. Thorax cinereous: abdomen black: wings white: legs livid.
Inhabits *Europe*. *Mus. Lesk. p.* 135. *n.* 218.

104. STOMOXYS. *Sucker* with a single-valved sheath, including bristles each in its proper sheath: *feelers* 2, short setaceous of 5 articulations: *antennae* setaceous.

These also suck blood from other animals.

A. *Sheath convolute and geniculate at the base, with* 2 *bristles*

Morio. Black: fore part of the thorax hairy ferruginous: wings black with white spots.
Inhabits *Brasil*. In the museum of Sir *Jos. Banks*.
Head ferruginous with black proboscis antennae and stemmata: *abdomen* black with a blue gloss: tip of the *wings* whitish.

Grisea. Antennæ feathered: hairy, grey with testaceous thighs.
Inhabits *Germany*; size of St. siberita.
Proboscis black, a little testaceous at the base: *head* white with a testaceous line on the front: *wings* whitish: *legs* black with rufous thighs.

Parasita. Antennæ feathered; grey, abdomen above brown with diaphanous testaceous spots at the base.
Inhabits *America*; large.
Mouth whitish with a projecting black proboscis: *thorax* with faint lines: *legs* white.

Siberita. Antennæ feathered: hairy, grey: sides of the abdomen pale diaphanous.
Inhabits *Germany*.
Orbits snowy: *legs* black with pale thighs.

**Calcitrans* Antennae slightly feathered: grey with black legs.
Deger. Inf. 6. *tab.* 4. *fig.* 4. *Geoffr. Inf.* 2. *tab.* 18. *fig.* 2.
Inhabits *Europe*, resembles the common fly, and is the insect which

which buzzes about the legs of cattle, making them continually ſtamp with the feet; and which ſtings our legs in autumn.

Teſſellata. Hairy, cinereous: abdomen grey teſſellate with brown.
Inhabits *Kiel*; larger than S. irritans.
Antennae black: *abdomen* teſſellate with brown ſpots: *wings* white: *legs* black.

**Irritans.* Cinereous, ſlightly hairy: abdomen ſpotted with black.
Panz. Fn. Germ. 5. *tab.* 24.
Inhabits *Europe*, and is very troubleſome on the back of cattle.

Muſcaria. Antennae ſlightly feathered: hairy, black: abdomen paler with deep black bands.
Inhabits *Denmark*; ſize of the laſt,
Segments of the *abdomen* black at the baſe: *wings* white.

Purgens. Cinereous with black thighs
Inhabits *Europe*, on the back of cattle: ſmall.
Body ſlightly hairy: *wings* whitiſh.

Aſiliformis Antennæ ſetaceous; body duſky: wings with black marginal ſpots.
Inhabits *Italy*; ſize of S. irritans.
Sucker ſhort yellow: *antennae* yellow with a long ſimple hair: *legs* yellowiſh, hind-thighs black.

Stylata. Cinereous: abdomen rufous with a projecting ſtyle black at the end: wings hyaline with 5 brown bands, every other one abbreviated.
Inhabits *Barbary*.
Proboſcis cylindrical yellowiſh: *antennæ* ſetaceous: *head* yellowiſh with a ſnowy mouth: *thorax* hairy yellowiſh: *legs* yellowiſh.

Dorſalis. Black: abdomen ſnowy on the back with 3 pair of black dots.
Inhabits *France*; ſmall.
Antennæ ſetaceous: head black with a ſnowy mouth: *thorax* with 2 yellow dots on the fore-part: *ſcutel* yellow: *poiſers* yellow: *abdomen* ovate, above flat, the firſt ſegment black edged with white, the 3 others white with each a pair of oblong black ſpots; *wings* hyaline: *legs* yellow tipt with black.

Longipes. Orbits white: thorax grey: abdomen grey-brown: legs ferruginous, black at the ends.
Inhabits *Europe*. *Muſ. Leſk. p.* 134. *n.* 1.

E. *Sleath*,

B. *Sheath covering the mouth, with 5 briſtles.* Rhingia.

**Roſtrata.* Thorax with obſcure lines: proboſcis abdomen and leg teſtaceous.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 7. *fig*, 21, 22.
Reſembles the common fly, and is very troubleſome to cattle: *wings* pale.

Lineata. Thorax black with 4 white lines: abdomen black with 3 lateral yellow ſpots and tail.
Inhabits *Germany*: reſembles a Syrphus.
Proboſcis yellow, the tip emarginate and black.
Antennæ black with a ferruginous club and black hair: *ſcutel* teſtaceous: *abdomen* with 3 yellow ſpots each ſide, the laſt ſegments yellow: *wings* whitiſh: *legs* yellow, thighs with a black belt.

Muſciformis. Thorax brown with 4 whitiſh lines: abdomen black with 3 pair of white lunules.
Inhabits *Germany*; reſembles a Syrphus.
Antennæ black with a broad compreſſed ferruginous club: *mouth* ſilvery hairy; *head* brown: *tail* blueiſh: *legs* yellow ſpotted with black.

105. CONOPS. *Mouth* with a projecting geniculate proboſcis: *antennæ* clavate and pointed at the end.

Like the former, theſe inſects extract animal juices.

A. *Sucker geniculate near the baſe, with a ſingle-valved abbreviated ſheath incloſing a ſingle briſtle.*

**Veſicularis.* Blackiſh; hind-part of the head veſicular: abdomen yellowiſh with a black baſe.
Inhabits woods of *Europe*.
Thorax with 2 callous ferruginous dots on the fore-part: *ſcutel* ferruginous.

**Aculeata.* Black; inciſures of the abdomen yellow: thorax with 2 yellow dots on the fore-part.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 15, *fig*, 1.
Scutel ſometimes black ſometimes yellow.

Pilla-

Pilla. Ferruginous; thorax variegated with black and yellow: wings with a ferruginous rib.
Inhabits *American Islands*: size of the last.
Proboscis black: *orbits* golden; *abdomen* hooked ferruginous, the 2 first segments black edged with yellow: *legs* ferruginous tipt with black.

Fasciata. Abdomen cylindrical hooked ferruginous, the segments in one sex edged with yellow: wings with a submarginal abbreviated brown fillet.
Inhabits *Kiel*: size of C. aculeata.
Antennæ black the club ferruginous before the tip: *mouth* vesicular whitish with a black proboscis: *crown* with an elevated vesicular margin; *thorax* with a ferruginous callous dot on the fore-part: *legs* ferruginous.

Rufipes. Black: base of the abdomen ferruginous, the segments edged with white: legs ferruginous.
Inhabits *Germany*; size of C. aculeata.
Front yellow: *antennæ* brown: *poisers* yellow: *abdomen* clavate: *wings* with a brown rib.

Erythrocephala. Blue-brown: head shining silvery: crown testaceous pellucid.
Inhabits *East India*: size of the former ones.
Antennæ black: *head* black covered with silvery down with a black dot each side at the base of the antennæ: *abdomen* blue-black: *legs* black, 4 fore thighs rufous.

Macrocephala. Blue-black 4 of the segments of the abdomen edged with yellow; antennæ and legs rufous.
Inhabits *Europe*. *Barbut Insects. tab.* 17. *Gen.* vii.
Head yellowish: *poisers* yellow; *thorax* variegated.

Flavipes. Black, glabrous: abdomen cylindrical, 3 of the segments edged with yellow.
Inhabits *Europe*: resembles the last.
Legs yellow with black bands.

B. *Sucker geniculate at the base and middle, the sheath with 2 equal valves.* Myopa.

Dorsalis. Ferruginous; thorax brown on the back: abdomen cylindrical hooked, the segments edged with white.
Inhabits *Germany*: larger than C. ferruginea.

Mouth

Mouth veſicular yellowiſh : *antennae* ferruginous yellowiſh at the tip : *legs* ferruginous : *wings* duſky.

**Ferruginea.* Ferruginous : abdomen cylindrical incurved : front yellowiſh.
Inhabits *Europe*. *Schaeff Icon. tab.* 261. *fig.* 3.

Atra. Abdomen cylindrical incurved : body black, mouth white.
Inhabits *Germany*: leſs than the laſt.
Antennae black with a yellowiſh band : *front* yellowiſh with white ſides : *legs* black, hind-thighs yellowiſh.

Teſtacea. Ferruginous : abdomen ovate hooked with a cinereous tail : wings with a brown dot in the middle ; face veſicular white.
Inhabits *Germany*. *Schaeff. Elem tab.* 20.
Thorax brown on the back : *wings* duſky.

**Buccata.* Ferruginous : abdomen hooked, ſpotted with white : face veſicular white ; wings clouded.
Inhabits woods of *Europe*.

Punctata. Black : thorax with a greeniſh-white ſpot each ſide : abdomen ovate whitiſh with a line of black dots.
Inhabits *Germany*; leſs than C. buccata.
Mouth veſicular white : *abdomen* greeniſh-white, the firſt segment black, the reſt with a black dot in the middle and obſolete marginal marks : *wings* hyaline.

Cincta. Ferruginous ; abdomen hooked with 3 white bands.
Inhabits *Eaſt India* : leſs than C. ferruginea.
Front veſicular white with a black dot each ſide : *legs* teſtaceous tipt with black, ſhanks a little ſilvery.

Cingulata. Black ; thorax with ſilvery ſpots : abdomen with ſinuous ſilvery bands : wings half black.
Inhabits ——— *Antennae* incrimſent : *thorax* with a lateral ſilvery line and ſpot under the wings : *poiſers* white.

Cinerea. Cinereous : mouth veſicular white : tail black.
Inhabits *Italy* ; ſize of the former ones.
Antennae ferruginous : *abdomen* hooked : *legs* cinereous.

Annulata. Blackiſh : legs teſtaceous with black bands.
Inhabits *Italy* ; ſmall.

Antennae

Antennae ferruginous: *mouth* veſicular white: *abdomen* hooked black, the ſecond ſegment faintly ferruginous each ſide: *legs* teſtaccous, thighs and ſhanks with a black ring.

Petiolata. Antennæ black with a red club: head yellow; abdomen petiolate.
Inhabits *Siberia. Gmelin. Syſt. nat p.* 2894
Body black: *thorax* with a reddiſh-white ſpot at the anterior angle: tip of *abdomen* rounded and white, the petiole red: knobs of the *poiſers* yellow: *wings* brown, the thinner margin hyaline at the tip: *legs* reddiſh.

Atomaria. Grey; abdomen ovate: wings brown with crowded white dots.
Inhabits *Europe. Gmelin. Syſt. Nat. p.* 2894.

Annularis. Thorax black; abdomen cylindrical varied with yellow and black: wings ferruginous at the baſe: legs ferruginous annulate with brown.
Inhabits *Europe. Muſ. Lesk. f.* 134. *n.* 201.

Flava. Thorax black: baſe of the abdomen black on the back with a black mark each ſide, the 2 next ſegments with an oblique black ſpot in the middle and at the ſides.
Inhabits *Europe. Muſ. Lesk. p.* 134. *n.* 202.

106. ASILUS. *Mouth* with a horny projecting ſtraight 2-valved ſucker, and gibbous at the baſe: *antennae* filiform approximate, of 2 articulations: *body* oblong conic.

Theſe prey on other inſects, eſpecially thoſe of the dipterous and and lepidopterous orders.

Groſſus. Hairy black: thorax and baſe of the abdomen cinereous.
Inhabits *America*; very large.
Front covered with long cinereous hair at the ſides: *wings* cinereous with brown veins: under the *ſcutel* are 2 yellow dots: *abdomen* ovate, the firſt ſegment naked black, the 2 next hairy cinereous, the reſt black.

Maurus. Subferruginous: ſides of the breaſt black: back of the thorax with 3 black lines.
Inhabits *Africa*; ſize of A. crabroniformis.

Algirus. Body entirely ferruginous with pale hairs.
Inhabits *Africa.*

Analis. Thorax teſtaceous with 3 brown lines: abdomen above fulvous, beneath black, the edges of the ſegments white each ſide.
Inhabits *Italy*; leſs A. barbarus.
Head hairy golden: *eyes* black: margin of the *thorax* golden each ſide: *abdomen* above fulvous, the baſe and tip black: *legs* teſtaceous.

Barbarus. Front thorax and legs ferruginous: wings yellow with a black tip and thinner margin.
Inhabits *Africa.* *Thighs* black.

**Crabroniformis.* Abdomen downy, the 3 firſt ſegments black, the lower-part yellow and inflected.
Donovan. v. *tab.* 180. *Reaum. Inſ.* 4. *tab.* 8. *fig.* 3.
Degeer. Inſ. 6. *tab.* 14. *fig.* 3. *Schaeff Icon. tab. S. fig.* 15.
Inhabits *Europe.* Its ſting is very painful.

Ephippium. Hairy: black: thorax white at the baſe.
Inhabits *Germany.* *Degeer. Inſ.* 6. *tab.* 13. *fig.* 9.
Head hairy: *wings* brown: ends of the *legs* piceous.

**Gibboſus.* Hairy, black: hind-part of the abdomen white.
Inhabits *Europe.* *Degeer. Inſ.* 6. *tab.* 13. *fig.* 6, 7.
Head covered with thick white hair.

Pædemontanus. Hairy, black: hind-part of the thorax and abdomen cinereous: tail black.
Inhabits *Italy*; ſize of A. gibboſus.
Front covered with long cinereous hair: *legs* black, thighs clavate, ſhanks cinereous hairy.

Maroccanus Black: abdomen and ſhanks covered with fulvous hairs.
Inhabits *Barbary*; ſize of A. gibboſus.
Head with a fulvous beard under the antennæ: *thorax* black with fulvous down: *wings* whitiſh.

Aureus. Hairy: head and abdomen golden: thorax and legs obſcure cheſnut-brown.
Inhabits *France*; ſize of A. gibboſus.
Sucker and *antennæ* black: *thorax* black with ferruginous hair: 2 firſt ſegments of the *abdomen* naked black: *legs* ferruginous hairy.

Barbatus

Barbatus. Hairy, black with a white beard hind-part of the abdomen and hind-ſhanks.
Inhabits *Cayenne*: ſize of A. gibboſa.
Head black with long thick white hair round the mouth: *ſcutel* very hairy: *abdomen* ſhort hairy, the 2 firſt ſegment black, the other white.

Faſciatus. Hairy, black: abdomen with 2 ſnowy bands at the baſe.
Inhabits *Sierra Leona*.
Head black with ferruginous hairs: *thorax* black, the ſides and ſcutel ſubferruginous: *wings* browniſh: *legs* black with ferruginous hairs.

Æſtuans. Cinereous; 3 laſt ſegments of the abdomen white.
Inhabits *North America*.

**Ater.* Hairy, black with a whitiſh beard.
Inhabits *Europe*.

Diadema. Black with brown wings; front white.
Inhabits *Italy*; ſize of A. ater.

Calidus. Hairy, cheſnut: thorax brown; abdomen black, the ſegments edged with white.
Inhabits *Cayenne*; ſize of the former-ones.
Antennae black: *wings* whitiſh: *thighs* browniſh, ſhanks hairy teſtaceous, tarſi black.

**Flavus.* Hairy, black: thorax cinereous behind: abdomen above hairy fulvous.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 13. *fig.* 10.
Head with a white beard.

Atratus. Hairy, black; head and thorax pale cinereous.
Inhabits *Barbary*; ſize of A. diadema.
Head hairy cinereous with a black ſucker: *thorax* with a ferruginous callous dot each ſide: *abdomen* black immaculate: *wings* cinereous with a ferruginous rib: *legs* black.

Ruficorni. Hairy, black: thorax ſpotted: ſegments of the abdomen 2, 3, 4, fulvous.
Inhabits *Italy*; half the ſize of A. gibboſus.
Antennae black at the baſe and rufous at the tip: *thorax* black, with fulvous ſpots on the fore-part and 2 whitiſh ones on the back: *legs* black, teſtaceous at the tip.

Violaceus. Hairy, black: abdomen violet.
Inhabits *Germany*, *Wings* brown.
Body entirely covered with erect rigid hairs.

**Gilvus.* Black; abdomen above fulvous: legs black.
Inhabits *Europe*. *Degeer. Inf.* 6 *tab.* 13. *fig.* 15.
All the segments of the *abdomen* except the 2 first fulvous.

Punctatus. Hairy: thorax cinereous downy: abdomen black with 3 white marginal dots and 2 rufous dorsal spots.
Inhabits *Italy*; size of A. gilvus.
Head with a cinereous front and beard: *antennae* black: *legs* black: *wings* rusty-brown.

Cylindricus. Cylindrical; segments of the abdomen 3, 4, 5, above rufous: legs rufous.
Inhabits *Germany*: size of A. gilvus.
Head black with a whitish front and beard: *thorax* hairy black: *wings* subtestaceous.

Marginatus Poisers and incisures of the abdomen yellow: thighs black.
Inhabits *Europe*. *Degeer. Inf.* 6. *tab.* 14. *fig.* 1.

Limbatus. Blackish: antennæ border of the thorax incisures of the abdomen and legs fulvous.
Inhabits *Barbary*; size of the last.
Sucker black: *head* hairy golden; *scutel* fulvous: *wings* subhyaline.

Plumbeus. Body cinereous immaculate.
Inhabits *New Holland*. Museum of Sir *Jos. Banks*.
Sucker short black: *poisers* tipt with yellow.

Brunneus. Thorax cinereous with black lines: abdomen and legs chesnut-brown spotted with black.
Inhabits *Cayenne*; size of A. forcipatus.
Head whitish: *sucker* and *antennae* chesnut-brown; *thorax* with 3 lines: *abdomen* with a darker spot at the base of each segment: *wings* white: *legs* tipt with black.

**Forcipatus* Hairy, cinereous with black tail and legs.
Degeer. Inf. 6. *tab.* 14. *fig* 9. *Frisch. Inf.* 3. *tab.* 17.
Inhabits *Europe* and *New Holland*. *Tail* forked.

Tibialis. Hairy, brown: thorax with obscure lines: shanks rufous.
Inhabits *Germany*; resembles the last.
Head with a whitish beard: *legs* black; *wings* dusk.

Germani-

Germanicus Hairy, black: ſhanks rufous: wings brown with a whitiſh baſe.
Inhabits *Germany*. *Schaeff. Icon. tab.* 48. *fig.* 9, 10.
All the *ſhanks* rufous: *tail* forked.

Rufipes. Brown; abdomen cinereous with 4 black bands and tip: ſhanks rufous.
Inhabits *America*; twice as large as A. forcipatus.
Sucker black: *wings* duſky: *legs* black.

Maculatus. Cinereous with a ſquare black ſpot on the ſegments of the abdomen: legs piceous, the ends black.
Inhabits *Eaſt India*; ſize of the laſt.
Proboſcis tipt with black: *abdomen* long cylindrical.

Chinenſis. Cinereous: ſides of the abdomen and ſhanks teſtaceous.
Inhabits *China*; ſize of thd laſt.
Antennae ferruginous: *ſucker* black: *thorax* with faint black lines: *wings* white with a ſubteſtaceous rib.

Brunnipes. Hairy, cinereous: rib of the wings at the baſe and legs ferruginous.
Inhabits *Barbary*: a little larger than A. forcipatus.
Antennae tipt with black: *head* with paler lines.

Marginellus. Grey-brown: legs rufous tipt with black: wings with a deep black outer margin.
Inhabits *American Iſlands*. *Front* with a white beard.

Annulatus. Cinereous: abdomen tipt with black: thighs teſtaceous with a black ring.
Inhabits *Eaſt India*.
Thorax with a darker dorſal line: *wings* hyaline with a brownish tip: *legs* teſtaceous.

Stylatus. Hairy, cinereous: thorax and abdomen ſpotted with black: ſhanks rufous: tail ending in a ſtyle.
Inhabits *American Iſlands*; larger than A. forcipatus.
Abdomen with a black ſtyle half as long as the body: *wings* white.

Nigripes. Hairy, black: thorax with 4 white lines: abdomen with white belts.
Inhabits *Cayenne*.

Head

Head whitiſh with a black ſucker and antennæ: *wings* hyaline: *legs* black.

Sabaudus. Hairy, cinereous: abdomen rufous with brown marginal ſpots, beneath brown.
Inhabits *Italy*.
Sucker black: *antennae* rufous: *thorax* with a rufous ſpot each ſide: *legs* rufous: *wings* whitiſh with a yellowiſh rib.

Cingulatas. Cinereous; ſhanks rufous with 2 black rings.
Inhabits *Italy*; leſs than A. forcipatus.
Body cinereous immaculate: *legs* black.

**Tipuloides.* Naked, cinereous: legs ferruginous, the laſt joint black.
Inhabits *Europe*. *Thorax* with 3 black lines.

Teutonus. Black; thorax changeable gold, ſpotted; abdomen with 5 white ſpots each ſide.
Inhabits *Germany*. *Schaeff. Icon. tab.* 8. *fig* 13.
Antennæ pale yellow: *front* yellow: *abdomen* glabrous: *legs* tipt with black.

Nitidulus. Hairy, black: ſegments of the abdomen white at the edges.
Inhabits *Italy*; leſs than the laſt.
Front white with a white beard: *abdomen* covered with gold down: *legs* black; ſhanks with white hairs.

Cayennenſis. Black; thorax with a white dorſal ſtripe in which are 2 black lines: head and ſcutel white.
Inhabits *Cayenne*; ſize of A. teutonus.
Sucker, antennae and *crown* white: *abdomen* black, the 2 firſt ſegments edged with white: *wings* duſky: *poiſers* with a white club.

Glaucias. Downy, black; ſecond and third ſegments of the abdomen with a glaucous band, the reſt edged with yellow.
Inhabits *Italy*. *Roſs. Fn. Etruſc.* 2. *tab.* 9. *fig.* 4.
Head black with a whitiſh beard: *wings* duſky: *legs* rufous.

Lineatus. Teſtaceous; thorax with 3 black lines: abdomen with black ſpots: wings brown with a teſtaceous ſpot in the middle.
Inhabits *American Iſlands*; ſize of A. œlandicus.
Sucker tipt with black: *legs* teſtaceous.

Auratus.

Auratus. Villous, golden: thorax brown on the back: abdomen teſtaceous, the ſegments 4, 5. black.
Inhabits *Eaſt India*; ſize of the laſt.
Sucker black: *legs* teſtaceous tipt with black.

Striatus. Hairy; thorax brown with white lines: abdomen rufous with 2 lines of brown dots and a white one at the ſides.
Inhabits *Barbary*; ſmall.
Head cinereous with a thick white beard: *legs* rufous.

Arcuatus. Hairy, black: ſegments of the abdomen edged with white.
Inhabits *Germany*; ſmall.

Cinctus. Cinereous; abdomen black, the ſegments edged with white.
Inhabits *Germany*; ſmall.
Poiſers yellow: *legs* black.

Cyaneus. Brown; wings and abdomen blue.
Inhabits the *Cape of good hope*; ſize of A. œlandicus.

**Oelandicus.* Naked, black with ferruginous legs and poiſers: wings dark brown.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 14. *fig.* 13.

Hyalipennis Glabrous, black: legs yellow: wings hyaline.
Inhabits *Denmark*; ſmall.
Front pale grey: ends of the *hind-legs* black.

Frontalis. Glabrous, black: front ſilvery: legs rufous.
Inhabits *Kiel*; a little larger than the laſt.

Morio. Villous, deep black with blackiſh wings.
Inhabits *Guinea*; ſize of A. œlandicus.

Hottentotta Black; abdomen with lateral white dots: wings white with a black baſe.
Inhabits *Germany*; ſmall.
Thorax gibbous, a little hairy behind: *legs* black.

Haemorrhoidalis. Black; abdomen with 4 white dots each ſide, tail and legs ferruginous.
Inhabits *Barbary*; ſmall.
Head covered with gold down: *tarſi* blackiſh: *wings* whitiſh.

Conopſeides. Thorax black ſpotted with yellow: abdomen black with rufous bands
Inhabits *New Holland*: ſmall.
Head yellow: *antennae* and *ſucker* black: *ſcutel* yellowiſh: ſegments of the *abdomen* 2, 3. rufous with a black baſe, 4, 5. black tipt with rufous, 6 rufous: *legs* rufous, the lower joints black.

Linearis. Black; back of the thorax cinereous with black lines: abdomen linear, the ſegments edged with yellow.
Inhabits *Denmark*; ſmall.
Lip covered with ſilvery down: *thorax* with 4 lines: *wings* hyaline: *poiſers* and *legs* yellow.

* *Culiciformis.* Black, glabrous: hind-thighs as long as the abdomen.
Inhabits *England*: ſmall.
Abdomen compreſſed incurved: *wings* large, hyaline: *poiſers* yellow: *hind thighs* very finely ſerrate.

Muſcarius. Black; wings clouded, the rib dotted with white and black.
Inhabits *France*; ſmall.
Antennae yellow with a weak long hair: *ſuckers* yellow: *poiſers* yellow tipt with black: *legs* teſtaceous with black thighs.

Minutus. Glabrous, black: 3 laſt ſegments of the abdomen pale cinereous: wings brown with a white baſe.
Inhabits *Italy*; ſmall.
Front with a gold beard: *legs* black.

Maurus. Hairy, black: wings varied with white and black.
Inhabits *Denmark* and the *Cape of good hope*. *Fn. Suec.* 1917.

Luſitanicus. Blackiſh; wings ſpotted with white: abdomen yellow with 3 rows of black dots.
Inhabits *Italy*; ſize of a common fly.

Villoſus. Black with yellow hairs: wings ferruginous: thighs and claws black: ſhanks and ends of the legs yellow.
Inhabits *Europe*. *Muſ. Leſk. p.* 134. *n.* 186.

Pubeſcens. Downy, brown: front hoary: ſegments of the abdomen yellowiſh each ſide at the edges: poiſers yellow.
Inhabits *Europe*. *Muſ. Leſk. p.* 134. *n.* 192.

Striatulus. Black: thorax with a cinereous line each ſide: poiſers yellow.
Inhabits *Europe*. *Muſ. Leſk. p.* 134. *n.* 193.

Albitrons.

Albifrons. Black, glabrous; thorax with a double black line: inciſures of the abdomen pale yellow; front white: legs livid.
Inhabits *Europe*. *Muſ. Leſk. p.* 134. *n.* 194.

Affimus. Cinereous; thorax with 3 black lines: legs black, ſhanks teſtaceous.
2. Legs entirely black. *Scopol. Ent. Carn. n.* 993.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 487 *n.* 996.
Antennae black: *wings* hyaline with black veins; *poiſers* and ſegments of the *abdomen* at the tip white.

Nigerrimus Deep black, glabrous: wings black with a deeper rib.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 488. *n.* 998.

Podagricus. Black; thorax yellow with black lines: legs pale, the firſt joint of the hind tarſi thick.
Inhabits *Auſtria*. *Schranck. Auſt. p.* 489. *n* 1000.
Front ſilvery between the antennæ: *abdomen* with 3 ferruginous ſpots each ſide, the ſegments ferruginous at the tip: poiſers and legs ferruginous: wings hyaline with black veins.

107. BOMBYLIUS. *Mouth* with a very long ſtraight ſetaceous ſucker, formed of 2 unequal horizontal valves and containing ſetaceous ſtings.

A. *Feelers* 2, *hairy*: *antennæ united at the baſe.*

* *Major.* Black with thick yellowiſh down; wings with a broad ſinuate black outer margin. *Humble-bee.*
Donovan. ii. *tab.* 66 *Degeer. Inſ.* 6. *tab.* 15. *fig.* 10.
Reaum. 4. *tab* 8. *fig* 11—13. *Mouff Inſ* 64. *fig.* 5.
Inhabits *Europe*, and hovers about flowers with a buzzing noiſe, extracting the nectar

Equalis. Body covered with cinereous hair: wings with a broad equal black outer margin.
Inhabits *North America*; half the ſize of the laſt.

* *Medius.* Wings dotted with brown: body yellowiſh-brown, white at the tail.
Donovan. v. *tab.* 146. *fig.* 1. *Degeer.* 6. *tab.* 15. *fig.* 12.
Inhabits *Europe*, and appears early in the ſpring.

Punctatus. Wings black at the base with a whitish rib: body hairy black: thorax with a cinereous border: abdomen dotted with white.
Inhabits *Barbary*; large.
Front with snowy hairs: *sucker* and *antennae* black: *abdomen* with 2 lines of snowy dots beneath: *legs* black.

Analis. Wings black at the base: body hairy black with a snowy tail.
Inhabits the *Cape of good hope*; large.
Abdomen beneath fulvous at the base and snowy at the tip.

Discoideus. Wings black at the base with 2 snowy rib: thorax snowy with a black disk: abdomen black with a snowy tail.
Inhabits *Barbary*; large.
Head hairy snowy: *wings* with a white dot.

Capensis. Wings spotted with black: body cinereous, black at the end.
Inhabits the *Cape of good hope*.

Nitidulus. Wings dusky: body yellowish hairy and shining, the tail dusky: legs testaceous with black thighs.
Inhabits *Germany*; size of B. minor.
Head white hairy: *antennæ* and *sucker* black.

* *Minor.* Wings immaculate: body yellowish hairy: legs testaceous.
Reaum. Inf. 4 *tab.* 8. *fig.* 11—13. *Schaeff. Icon. tab.* 46. *fig.* 9.
Inhabits *Europe*; about half the size of B. major.

Minimus. Wings yellowish at the base: body yellowish hairy: sucker and legs black.
Inhabits *Germany*; half the size of B. minor.
Legs blackish: *wings* whitish, the tip browner.

Cupreus. Nearly naked, black: fore-lobe of the thorax fulvous: abdomen coppery with a dorsal line of fulvous dots.
Inhabits *Cayenne*.
Wings dusky: *legs* black, thighs pale beneath, hind-shanks compressed and fringed.

Ater. Wings half black at the base: body black: abdomen spotted with white.
Inhabits *Germany*. *Schaeff. Icon. tab.* 79. *fig.* 6.

Maculatus.

Maculatus. Wings black at the base: body deep black: fore-part of the thorax and hind-part of the abdomen white.
Inhabits *Tranquebar*; size of the last.
Front whitish: *legs* black.

Melanocephalus. Wings browniſh at the base: body hairy yellowiſh with a ſhining ſilvery tail.
Inhabits *Barbary*; ſmall.
Sucker black: *head* covered with black hairs: *wings* hyaline, browner at the base: *legs* black with teſtaceous ſhanks.

Fuscus. Blackiſh immaculate with brown wings.
Inhabits *Italy*. *Wings* darker at the base.

Griseus. Wings white with a brown base: body hairy: thorax black with white lines: abdomen grey.
Inhabits *Spain*, on compoſite flowers.
Thorax with 2 lines: *wings* white, the base at the thicker margin brown, with 2 white dots in the middle.

Senilis. Wings white immaculate: body black covered with cinereous hair.
Inhabits *South American Iſlands*; ſmall.
Sucker long black: *front* white hairy: *legs* black.

Virescens. Wings white immaculate: body hairy greeniſh: ſucker ſhort.
Inhabits *Spain*. *Body* covered with greeniſh hairs.

Pygmæus. Wings half black, the other half dotted with black: thorax brown with a white base and tip.
Inhabits *North America*; very ſmall.
Abdomen hairy ferruginous: *legs* ferruginous.

B. *Sucker with 3 incumbent briſtles: feelers 0: antennæ approximate.* Volucella.

Floreus. Nearly naked, black: wings ſubferruginous at the base.
Inhabits *Barbary*.

Auratus. Hairy; thorax cinereous with 4 black lines: abdomen black with gold belts.
Inhabits *Barbary*; ſmall. *Wings* immaculate.

Versicolor. Hairy, cinereous: abdomen with a gold ſpot: head and legs black.

Inhabits *Barbary*; leſs than the laſt.
Sucker black: wings white immaculate.

Albifrons. Black, front and wings white, the latter with a ferruginous rib: thorax villous: abdomen black, the ſegments behind cinereous each ſide.
Inhabits out of *Europe*. *Muſ. Leſk. p.* 135. *n*, 221.

C. *Antennæ diſtant, the laſt joint ſubulate: feelers* 2. Cytherea.

Obſcurus. Blackiſh with cinereous hairs: wings brown at the baſe.
Inhabits *Barbary*. *Scutel* and *legs* deep black.

Aureus. Hairy; thorax brown: abdomen golden.
Inhabits *Barbary*; half the ſize of the former.
Head covered with gold hairs: *thorax* with gold hair at the ſides: *abdomen* with tufts of hairs: *wings* browniſh at the baſe, the tip whitiſh with 6 black dots: *legs* teſtaceous.

D. *Feelers* 2, *hairy; antennæ diſtant, the laſt joint ſetaceous.* Anthrax.

Theſe have uſually been arranged under the genus *Muſca*, but on account of their wanting the fleſhy proboſcis, it was thought proper to remove them here. They might with propriety perhaps conſtitute a diſtinct genus.

Cerberus. Hairy, black: abdomen with a ſnowy band at the baſe and tip: wings varied with white and black.
Inhabits *South American Iſlands*.
Orbits ſnowy behind: fore and lateral margin of the *thorax* ferruginous hairy: *ſcutel* brown: *abdomen* with a ſmall lateral ſnowy dot.

Nigrita. Brown; baſe of the wings black dotted with white: ſcutel piceous.
Inhabits *Italy* and *America*. *Degeer. Inſ.* 6. *tab.* 29. *fig.* 11.
Abdomen with a white ſpot at the tip each ſide.

Hæmorrhoidalis. Black with a white ſpot at the tail each ſide: wings white with a teſtaceous rib.
Inhabits *Italy*; large.

Lar. Hairy brown: abdomen with 2 white ſpots each ſide: wings black with a white marginal ſpot and tip.

Inhabits

Inhabits *Bengal*; large.
Scutel ferruginous: *tail* whitiſh.

*Morio. Hairy, black: wings black with hyaline tips.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 11. *fig.* 13.
Reaum. Inſ. 6. *tab.* 27. *fig.* 13. *Schaeff. Icon. tab.* 76. *fig.* 7.

*Maurus. Hairy, black with white bands: wings black with a ſinuate hyaline thinner margin.
Inhabits *Europe*. *Degeer. Inſ.* 6. *tab.* 11. *fig.* 11.

Afer. Hairy, black with white bands: wings hyaline with a black baſe.
Inhabits *Kiel*: reſembles the laſt.

Algirus. Hairy, brown: ſegments of the abdomen with pale edges: wings dotted with black, brown at the baſe and whitiſh at the tip.
Inhabits *Barbary*; larger than the laſt.
Head pale ferruginous: *ſcutel* ferruginous: *legs* dull teſtaceous.

Holoſericeus Hairy, black: abdomen white at the ſides: wings deep black at the baſe.
Inhabits *Barbary*; ſize of B. maurus.
Head with a few cinereous hairs at the mouth.

Varius. Hairy, brown: abdomen varied with white: wings white dotted with black.
Inhabits *France*; ſize of B. maurus.
Thorax a little ferruginous at the ſides.

Æthiops. Hairy, black: wings black the tip white with 2 black dots: tail ſilvery.
Inhabits *Italy*.
Wings dotted with white at the baſe.

Capucinus. Hairy, brown: abdomen ſpotted with white, the ſides ferruginous: wings varied with white and black.
Inhabits *North America*: leſs than the former ones.
Scutel ferruginous: *head* and *thorax* brown

Satyrus. Brown: abdomen black, the firſt ſegment white at the baſe, the 3 laſt at the ſides.
Inhabits *New Holland*; larger than B. hottentottus.

Inhabits

Thorax with ferruginous hairs on the fore-part: *wings* brown with a ferruginous outer-margin.

Belzebub. Black; segments of the abdomen with a ferrnginous margin: wings brown on the lower half.
Inhabits *Hungary*; resembles B. hottentotta.
Mouth whitish: *thorax* with ferruginous hair before the wings: base of the *abdomen* a little ferruginous.

Tantalus. Hairy, fulvous: abdomen black with a white band: wings brown.
Inhabits *Tranquebar*; larger than B. hottentottus.
Head yellowish: first segment of the *abdomen* with fulvous hair at the sides: *legs* black.

**Hottentottus.* Hairy, yellowish: wings hyaline with a brown rib.
Inhabits *Europe*. *Degeer. Inf.* 6. *tab.* 11. *fig.* 7.

Sylvanus Brown: abdomen wilh white streaks: base of the wings brown with a white dot.
Inhabits *New Holland*. In the museum of Sir *Jos. Banks*.
Scutel ferruginous: *wings* whitish: *legs* black.

Ixion. Hairy, cinereous: wings white immaculate.
Inhabits *Italy*: less than B. hottentottus.
Poisers yellow: *legs* black.

Sabæus Hairy, black: segments of the abdomen whitish at the edges: wings white the outer margin black at the base.
Inhabits *Italy*: size of B. hottentottus.
Poisers terminated by a yellow dot: *legs* black.
2. Edges of the abdominal segments yellow at the sides.
Inhabits *Spain*.

Sphinx. Hairy, yellowish: wings brown: thighs testaceous.
Inhabits *East India*; larger than B. Lucifer.
Wings with a paler thinner margin: *hind-shanks* testaceous above.

Lucifer. Hairy, yellowish; wings brown with a ferruginous base.
Inhabits *American Islands*: resembles the last.

Troglodyta Hairy, brown; wings hyaline with a silvery marginal spot at the base.
Inhabits *East India*.

Abaddon. Black; thorax fulvous hairy: wings whitiſh, the rib a little darker.
Inhabits *Italy*; ſmall.
Abdomen with a few ſtreaks of whitiſh hairs at the edges of the ſegments: *legs* black.

108. HIPPOBOSCA. *Mouth* with a ſhort cylindrical ſtraight 2-valved ſucker, the valves equal: *antennae* filiform: *feet* armed with numerous claws: *body* flat and hard.

**Equina.* Wings obtuſe: thorax variegated: feet armed with 4 claws. *Horſe-fly.*
Donovan. viii. *tab.* 261. *fig.* 1. *Reaum.* 2. *tab.* 197. *fig.* 8, 9.
Degeer. Inſ. 6. *tab.* 16. *fig.* 1. *Sulz. Inſ. tab.* 21. *fig.* 141.
Inhabits *Europe*, and is very troubleſome to horſes: they hide themſelves under the hairs and attach themſelves firmly to the ſkin, by means of their crooked nails.
Head brown: *thorax* brown varied with pale yellow: *wings* croſſing each other, hyaline with a brown ſpot near the outer margin: *legs* annulate with yellow and brown.

**Avicularia.* Wings obtuſe: thorax immaculate.
Donovan. viii. *tab.* 261. *fig.* 2.
Degeer. Inſ. 6. *tab.* 16. *fig.* 21, 22.
Inhabits *Europe*, on the body of various birds, eſpecially ſwallows.
Body dull brown with a ſlight caſt of green.

**Hirundinis* Wings tapering to a point: feet with 6 claws.
Donovan. viii. *tab.* 268. *fig.* 1. *Reaum.* 4. *tab.* 11. *fig.* 1—5.
Inhabits *Europe*, on the bodies and in the neſts of Swallows.
Body brown with a blueiſh caſt: *abdomen* darker.

**Ovina.* Wings none: body dull teſtaceous.
Donovan. viii. *tab.* 268, *fig.* 2. *Friſh. Inſ.* 5. *tab.* 18.
Inhabits *Europe*, among the wool of Sheep.
Legs hairy, claws double.

Uralenſis. Black, hairy with 3 rows of white ſhining veſicles on the back.
Inhabits *Ural. Lepech. It.* 1, *tab.* 19. *fig.* 9.

ORDER. VII. APTERA.

Wings none in either sex.

109. LEPISMA. *Lip* membranaceous rounded emarginate: *feelers* 4, 2 setaceous and 2 capitate: *antennae* setaceous: *body* imbricate with scales: *tail* ending in setaceous bristles: *legs* 6, formed for running.

These in their various stages of existence prey upon sugar, decayed wood and rotten substances: the *larva* and *pupa* are 6-footed active and swift.

**Saccharina.* Scaly, silvery lead-colour with a triple tail.
Barbut's Inf. tab. 18. *gen.* 1. *Sulz. Inf. tab.* 22. *fig.* 142.
Inhabits *America*, among sugar, and is now naturalised in *Europe*, and found among old books and furniture: it runs exceedingly swift and is difficult to catch.
Body oblong tapering: *antennæ* as long as the body: *tail* with 3 distant bristles, and 2 pair of lesser ones beneath.

**Polypoda.* Skipping: tail triple: segments of the abdomen villous each side beneath.
Inhabits *Europe*. *Donovan. Eng. Inf.* v. *tab.* 162.
Found on sandy sea-shores, among stones and rubbish, and takes prodigious leaps by means of the springs under its tail.
Body brownish or pale: *antennae* as long as the body: each segment of the *abdomen* armed with a spine each side at the margin beneath.

2. Tail ending in 5 bristles.

Lineata. Tail triple: body brown with 2 white fillets.
Inhabits *Helvetia*, in old walls.
Antennae as long as the body: *thorax* covered with 3 scales which are emarginate behind: *body* above brown with cinereous specks: *tail* villous, the middle spine longer, with a few shorter ones under it: *legs* short, thighs compressed.

Villosa. Brown with a triple villous tail.
Inhabits *China*: shorter and thicker than L. saccharina.

Head

Head villous whitiſh: *body* beneath whitiſh: middle ſpine of the tail longer, beneath 2 ſhort ones: *legs* ſhort white.

Collaris. Black with a ſnowy band on the neck and end of the abdomen tail triple villous.
Inhabits *South American Iſlands.*
Antennae as long as the body, brown with a pale baſe: *head* whitiſh: under the *tail* 2 ſhort briſtles: *legs* pale.

Terreſtris. Naked white with a triple tail.
Inhabits *Europe. Fn. Suec.* 1926.
Antennae obtuſe, half as long as the body.
An indiſtinct ſpecies, and probably is rather a *Podura.*

Minutus. Yellow with a triple tail.
Inhabits *Denmark. Mull. Zool. Dan.* 2160.
The appendages of the tail are ſometimes wanting.

110. PODURA. *Lip* bifid; *feelers* 4, ſubclavate: *eyes* 2, compoſed of 8 facets: *antennae* filiform: *body* ſcaly; *tail* forked, bent under the body and acting as a ſpring: *legs* 6 formed for running.

Spring-tail.

Theeſe feed on the leaves of various plants: the *larva* and *pupa* are 6-footed nimble and reſemble the perfect inſect.

Signata. Subglobular, brown: abdomen with fulvous ſpots at the ſides.
In damp places. *Antennae* as long as the body.

**Viridis.* Subglobular, green with a yellowiſh head.
Inhabits *Europe*, on the leaves of the Polygonum fagopyrum.

**Polypoda.* Subglobular, black: antennæ as long as the body and tipt with white.
Inhabits *Europe*, on various plants.

**Atra.* Globular, ſhining brown: antennæ long, compoſed of many articulations
Inhabits *Europe. Degeer. Inſ.* 7. *tab.* 3. *fig.* 7, 8.

*Plumbea. Round, brown with a blue gloſs.
Inhabits *Europe*. *Degeer. Inſ* 7. *tab*. 3. *fig*. 1.

*Minuta. Ovate, yellow with 2 ferruginous ſpots on the back.
Inhabits *Europe*, on plants.

*Nivalis, Oblong, cinereous with black marks.
Inhabits *Europe*. *Degeer. Inſ*. 7. *tab*. 2. *fig*. 8.

*Vaga. Oblong, black: abdomen and antennæ with a white band.
Inhabits *Europe*, in woods.

*Arborea. Oblong, black with white legs and fork.
Inhabits *Europe*. *Degeer. Inſ* 7. *tab*. 2. *fig*. 1, 2.

*Villoſa. Oblong, villous, variegated with brown and black.
Inhabits *Europe*. *Sulz. Hiſt. Inſ*, *tab*. 29. *fig*. 2.

Cincta. Cylindrical, grey with a black belt which is white on the fore-part.
Inhabits woods of *Europe*.

Annulata. Livid with black rings.
Inhabits *Europe*, in woods.

Lignorum. Lead-colour with pale head thorax legs and fork.
Inhabits *Europe*, in old wood: ſmall.
Mouth and *antennæ* black: *abdomen* lead-colour with a ſnowy fork.

Pufilla. Cylindrical, bronzed with a white fork.
Inhabits woods of *Europe*.

*Aquatica. Black, aquatic.
Inhabits *Europe*. *Degeer. Inſ*. 23. *tab*. 2 *fig*, 14, 15.
Aſſembles in troops, early in the morning, on the banks of pools and fiſh-ponds.

*Fimetaria White, terreſtrial.
Inhabits *Europe*. *Schrank. Beytr*. 47. *tab*. 8. *fig*. 1.
Found early in the ſpring in freſh earth.
Tail unarmed, and ſkips very weakly.

*Ambulans. White with a bifid extended tail.
Inhabits *Europe*, among Moſs, *Degeer. Inſ*. 7. *tab*. 3. *f*. 5.

Monura.

Monura. Whitiſh with an undivided conic tail
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 497. *n.* 1018.
Found with the laſt which it reſembles, but is leſs.
Back with a browniſh line running down it.

Rufeſcens. Reddiſh-yellow, villous; eyes black: fork whitiſh.
Inhabits *Auſtria*. *Wulfen. Schr. Naturf Geſ.* 8. *p.* 85.
Found among ſtones. *Body* linear round with a ſubglobular inflected head: *thorax* narrow: *antennæ* half as long as the body, of 4 articulations.

Viridis. Subcylindrical, yellow-green with black eyes.
Inhabits *Norway*. *Muſl. Zool. Dan.* 2161.

Motitans. Long, red with an extended tail; antennæ and legs hyaline.
Inhabits *Denmark*. *Mnll. Zool. Dan.* 2169.

Sylvatica. Cylindrical, grey-brown: tail pointed and unarmed.
Inhabits woods of *Denmark*. *Mull. Zool. Dan.* 2170.

Femoralis. Oblong, cinereous; tip of the antennæ and legs white: tail ſulphur.
Inhabits *Denmark*. *Mull. Zool. Dan.* 2171.

Aquatilis. Cylindrical, yellowiſh with black eyes back and ſides of the abdomen.
Inhabits *Denmark*. *Mull. Zool. Dan.* 2172.

Cryſtallina Body entirely hyaline.
Inhabits *Denmark*. *Mull. Zool. Dan.* 3173.

Longicornis Cylindrical, yellowiſh: antennæ as long as the body and with the legs cinereous.
Inhabits *Denmark*. *Mull. Zool. Dan.* 2174.

Palustris. Yellowiſh with black eyes and line down the back; fork white.
Inhabits *Denmark*. *Mull. Zool. Dan.* 2175.

Lanuginoſa Silvery-gilt covered above with blue wool: antennæ recurved
Inhabits *Denmark*. *Mull. Zool. Dan.* 3176.

Craſſicornis Dull blue, cylindrical and growing thicker towards the tail: antennæ thick.
Inhabits *Denmark*. *Mull. Zool. Dan.* 2177.

Humicola. Blue-brown: antennæ short thick: body cylindrical and growing thicker towards the tail.
Inhabits *Greenland*. *Fabr. Fn. Groenl. p.* 212. *n.* 179.

Maritima. Blueish-black with a whitish abdomen: body nearly round and growing thicker towards the tail.
Inhabits *Greenland*. *Stroem, Act. Hafn.* 9. *p.* 582. *tab.* 5. ?

III. TERMES. *Mouth* with 2 horny jaws: *lip* horny, 4-cleft, the divisions linear and acute; *feelers* 4, equal filiform: *eyes* 2.

These insects might with equal propriety be arranged under the Order *Neuroptera* or *Hymenoptera*; most of them having either 2 or 4 wings in the perfect state.

A. *Antennæ moniliform.*

Fatale. Body above brown: thorax with 3 segments; wings pale with a testaceous rib. *White-ant.*
Phil. Transact. Vol. 71. *part.* i. *tab.* 10. *fig.* 1. 2. 3.
Degeer. Ins. 7. *tab.* 37. *fig.* 1. 2, 3.
Forsk. Ann. tab. 25. *fig.* A.
The animals of this extraordinary community, far exceeding in wisdom and policy the Bee, the Ant or Beaver, are inhabitants of *East India*, *Africa* and *South America*. They build pyramidal structures, 10 or 12 feet in heigth, and divided into appropriate apartments, magazines for provisions, arched chambers and galleries of communication. These are so firmly cemented that they easily bear 4 men to stand upon them; and in the plains of Senegal, appear like the villages of the natives.
With such wonderful dexterity and rapidity, they destroy food furniture, books, clothes and timber of whatever magnitude, leaving a mere thin surface; that in a few hours, a large beam will be eaten to a mere shell, not thicker than writing paper.
Larva small, about $\frac{1}{4}$ of an inch long, 6-footed, pale with a roundish testaceous head, eyes 0, mandibles short strong and toothed, antennæ as long as the thorax and ovate abdomen.
These only are the labourers, who build the structures, procure provisions for the males and females, and take care of the eggs: they are the most numerous.
Pupa larger, about $\frac{1}{2}$ an inch long, with a very large ovate polished testaceous head; eyes 0; mandibles projecting, as long

the head, forked, without teeth, ſharp and black: thorax and abdomen paliſh.

Theſe never work, but act as ſuperintendants over the labourers, or as guards to defend their habitations from intruſion and violence. When a breach is made in the dwelling, they ruſh forward and defend the entrance with great ferocity; ſome of them beating with their mandibles againſt any hard ſubſtance, as a ſignal to the other guards, or as encouragement to the labourers; they then retire and are ſucceeded by the labourers, each with a burthen of tempered mortar in his mouth, and who diligently ſet about to repair whatever injury has been ſuſtained. One of theſe attends every 6 or 800 labourers who are building a wall, taking no active part himſelf, but frequently making the noiſe above mentioned, which is conſtantly anſwered by a loud hiſs from all the labourers, who at this ſignal evidently redouble their diligence.

The *Male* and *Female* are alike and furniſhed with 4 long horizontal wings: head ſmall brown: mandibles ſhort acute toothed: antennæ yellowiſh; eyes globular prominent black: thorax with 3 brown or dull teſtaceous margined ſegments: abdomen ovate, the back brown with white ſtreaks; legs paliſh.

Theſe are extricated from the pupa ſtate and fly abroad in the night; but ſoon after ſun-riſe, the wings become dry and they fall on the ground, and are devoured by birds or ſought after by the inhabitants who roaſt and eat them with great avidity. A few that ſurvive are collected by the labourers or larvæ and incloſed by pairs in apartments made of clay, the aperture of which is narrowed ſo that they cannot migrate, and where they are diligently fed and attended by the labourers whoſe bodies are ſmall enough to admit an eaſy entrance.

After impregnation, the abdomen of the *female* grows to a prodigious bulk, exceeding the reſt of her body nearly 2000 times: it is then veſicular and white with tranſverſe brown ſpots and an undulate or ſlightly lobed margin. In this ſtate it contains an immenſe number of ſmall round brown eggs, which are protruded to the amount of 8000 in 24 hours. Theſe are inſtantly taken up by the labourers, and conveyed to ſeparate chambers, where after they are hatched, the young are attended and provided for, till they are able to ſhift for themſelves, and take their ſhare in the labours of the community.

Destructor. Body above teſtaceous; head black; antennæ yellow.

Degeer. 3. *tab.* 21. *fig.* 6, 7. *Act. Berol.* 4. *tab.* 1. Larva.

Inhabits *America Indica* and *Africa*: builds an ovate thick neſt about the branches of trees: reſembles the laſt in its manners and is about half the ſize.

Larva pale browniſh: head black conic and tapering to a point; eyes 0.

Morio.

Morio. Blackiſh with teſtaceous mouth and legs: wings black.
Inhabits *Cayenne*. *Degeer, Inſ.* 3. *tab.* 21. *fig.* 4, 5. ?
Head flat, mandibles tipt with black: *wings* thrice as long as the body, black immaculate.

Arda. Black; ſegments of the abdomen tipt with white: legs pale.
Inhabits *Sierra Leona*, and reſembles in its œconomy the T. fatale; builds a cylindrical neſt, 2 or 3 feet high, of brown clay and vegetables mixed up together, with a round vaulted dome ſurrounded by a prominent terrace.
Larva or labourer with a pale head; eyes 0; mandibles ſhort toothed: thorax and abdomen ovate grey-lead-colour: *legs* teſtaceous.
Pupa or guard with a very large teſtaceous head, elevated and gibbous before and ovate extended obtuſe behind; mandibles projecting forked; antennæ teſtaceous, as long as the head; eyes 0: *thorax* ſmall; *abdomen* ovate, grey-lead-colour; *legs* teſtaceous.
Perfect Inſect leſs than the former ones with incumbent black wings and pale teſtaceous legs.

Mordax. Black; ſegments of the abdomen tipt with white: legs black.
Inhabits *Sierra Leona*; builds cylindrical houſes like the laſt, of which it is perhaps only a variety.
Wings ſhorter with a brown outer margin.
Larva and *pupa* like the laſt but always leſs.

Flavicolle. Dull piceous with yellow thorax and legs.
Inhabits *Barbary*; larger than the laſt.
Head piceous: *mouth* and *antennæ* yellow: *wings* twice as long as the body, duſky with a piceous rib.

B. *Antennæ ſetaceous.* Hemorobius. *Fabr.*

Capenſe. Pale yellow: wings hyaline edged with brown.
Degeer. Inſ. 7. *tab.* 38. *fig.* 1—3.
Act. Berol. 4. *tab.* 1. *fig.* 8. Larva.
Inhabits *India* and *America*. An indiſtinct ſpecies.
Larva furniſhed with 2 black eyes and wanders about in the day time like the common ant.

**Pulſatorium.* Apterous; abdomen oblong: mouth red: eyes yellow.
Barbut's Inſ. tab. 18. *Gen.* 3. *Degeer. Inſ.* 7. *tab.* 4. *fig.* 1.
Bradl. Nat. tab. 27. *fig.* 3. *Sulz, Hiſt, Inſ. tab.* 29. *fig.* 3.
Inhabits *Europe* and *America*, in old wood, decayed furniture, muſeums and neglected books, and is rarely found with wings.

The

The *female* beats like the ticking of a watch, and is often miſtaken for the Ptinus pulſator.

Fatidicum. Apterous; abdomen ovate: mouth pale: eyes brown.
Inhabits *Europe*. *Friſch. Inſ.* 11. *p.* 2. *tab.* 10.
Reſembles the laſt but is a little larger.

Divinatorium. Abdomen tranſverſely furrowed: mouth brown: eyes black.
Mull. Zool. Dan. 2179. *Fabr. Fn. Græn. p.* 214. *n.* 181.
Found in books, and is extremely active. *Body* whitiſh.

112. PEDICULUS. *Mouth* with a retractile recurved ſucker without proboſcis: *feelers* 0: *antennæ* as long as the thorax: *eyes* 2; *abdomen* depreſſed; *legs* 6, formed for running. *Louſe.*

Theſe live by extracting animal juices: the *larvae* and *pupae* are 6-footed and nimble, reſembling the perfect inſect.

* *Humanus.* Abdomen lobed cinereous.
Baker Micr. tab. 13. *fig.* 4. *Barbut Inſ. tab.* 18. *Gen.* 4.
Albin Aran. tab. 42. *Swamm. Bib. tab.* 1: *fig.* 3—6.
Found in the heads and on the garments of ſuch as are naturally uncleanly, eſpecially boys.

* *Pubis.* Abdomen emarginate behind: legs cheliform. *Crab-louſe.*
Redi Exper. tab. 19. *fig.* 1.
Found on the groin and eyebrows of uncleanly men.
Antennae of 5 articulations: *abdomen* hairy behind.

Ricinoides. Abdomen orbicular with a white line: ſcutel 3-lobed: ſucker white.
Inhabits *America*, and gets into the legs of the naked inhabitants, where it draws blood and depoſiting its eggs in the wound, occaſions foul and malignant ulcers.
Body reddiſh: *ſucker* armed with ſmall hooks beneath.

Suis. Found on the bodies of Swine.
Fn. Suec. 1942.

Porcelli. Found on the body of the Cavia Cobaya or Guinea-pig.
Fn. Suec. 1943.

Cameli.

Cameli. Head projecting pointed: body ferruginous abdomen ovate.
On the Camel. *Red. Exp. tab.* 22. *Oper. tab.* 25.

Cervi. On the Stag and Deer.
Redi. Exp. tab. 5. *Frisch. Inf.* 12. *tab.* 5.

* *Ovis.* On the body of the Sheep.
Redi. Exper. tab. 22. *fig.* 1.

Bubali. Yellowish with dusky-brown streaks: abdomen with 10 conic marginal tubercles.
On the Buffalo. *Degeer. Inj.* 7. *tab.* 1. *fig.* 11, 12.

**Bovis.* Abdomen with 8 transverse ferruginous lines.
On the bodies of Cattle.

**Vituli.* Abdomen lead-colour and pointed at the end.
On the bodies of Heifers and Cattle.

**Equi.* On the body of the Horse.

* *Asini.* Head projecting obtuse: abdomen ovate brown: legs cheliform.
Albin. Aran. tab. 76. *fig.* 51. *Red. Exp. tab.* 22. *fig.* 1.
On the body of the Ass.

Vulturis. Oblong; abdomen brown with 2 yellowish lines.
Inhabits *East India*, on the Vulture: large.
Head flat yellowish with black margins: *thorax* yellowish with a black margin and dorsal line.

**Tinnunculi* Head arrow-shaped and mucronate each side behind.
Albin. Aran. tab. 43. *Redi Exper. tab.* 13.
On the Falco tinnunculus or Kestril.

* *Buteonis.* Abdomen margined, the segments with 2 impressed dots each side.
On the Falco Buteo, or Buzzard.
Head brown: *thorax* smooth with 3 black lines; *abdomen* ovate.

Strigis. Abdomen ovate white edged with red: legs red.
On various species of the Strix and Falco.

* *Corvi.* Abdomen ovate with a striate margin.
Degeer Inf. 7. *tab.* 4. *fig.* 11. *Red. Exp. tab,* 16. *fig.* 2.
On various species of Crow.

Cornicis.

Cornicis. Abdomen ovate pale, with lateral black ſpots in which is a white pupil.
On the common crow.

Infauſti. Thorax narrow; abdomen ovate pale diaphanous.
On the Corvus infauſtus.

* *Picæ.* Head obtuſe brown with 4 black dots.
Albin Aran tab. 76. *fig.* 45. *Red. Exp. tab.* 5.
On the Corvus Pica or Magpie.

Orioli. White with a brown line on the abdomen.
On the Roller and Oriole.

* *Cuculi.* Abdomen oblong whitiſh with brown bands.
On the Cuculus canorus or Cuckow.

Cygni. Head emarginate: abdomen ovate, the margin ſtriate with black.
On the Swan. *Albin. Aran.* 76. *tab.* 58.

* *Anſeris.* Filiform; pale, the margin dotted with black.
Albin. Aran tab. 76. *fig.* 58, *Red. Exp. tab.* 10.
On the wild and tame Gooſe.

Moſchatæ. On the Anas moſchata or Muſcovy duck.
Redi Exper. tab. 9. *fig.* 1.

Querquedulae. On the Anas querquedula or Garganey.
Redi Exper. tab. 12.

Mergi. Whitiſh with a yellowiſh head: body long.
On the Mergus ſerrator. *Degeer. Inſ.* 7. *tab.* 4. *fig.* 13.

Procellariæ Long, filiform, brown with pale legs.
Inhabits *Braſil*, on the Procellaria or Petrel.

Vagelli. Ovate, pale: thorax with 2 brown lines.
On the Procellaria glacialis; large.

Diomedae. Head obtuſe; body white: ſides of the abdomen black.
Inhabits *Braſil*, on the Diomedea or Albatroſs.
Head obtuſe rounded entire whitiſh with a blackiſh fore-margin: *abdomen* ſlightly lobed, white with broad black ſides: *legs* white.

*Sternae. Head triangular: abdomen ovate pale, the back longitudinally blackiſh.
Degeer. Inſ. 7. tab. 4. fig. 12. Redi Exp. tab. 9. fig. 2.
On various ſpecies of the Tern and Gull.

Plataleae. On the Platalea leucorodia or Spoon-bill.

Ardeae. On various ſpecies of the Crane.
Redi Exper. tab. 6.

Gruis. Abdomen ſubclavate pale with ſnowy ſpiracles.
Red Exper. tab. 3. Red Oper. tab, 19. Friſch. 5. tab. 4.
On Storks and Herons

Ciconiae. Long, filiform: abdomen white, the ſides dotted with black.
On Storks. *Friſch. Inſ. 8. tab. 6.*

*Charadrii On the Charadrius pluvialis or Golden Plover.
Redi Exper. tab, 9.

Fulicae. On the Fulica atra or common Coot.
Redi Exper. tab. 4.

*Recurviroſtrae. Oblong, brown with a triangular grooved head.
On the Recurviroſtra or Avocet.

*Hæmatopi Glaucous; thorax very narrow: abdomen ovate with pale inciſures.
On the Hæmatopus oſtralegus or Sea-pie.

*Pavonis. Head globular and very large: body ſtriate with pale and brown.
On the Peacock. *Albin. Aran. 76. tab. 47.*
Redi Exper. tab. 15. Friſch. Inſ. tab. 3. fig. 6.

*Meleagridis. Head triangular obtuſe: abdomen ovate grey.
On the Turkey. *Friſch. Inſ. 8. tab. 4..*

*Gallinae. Thorax and head mucronate each ſide.
On Poultry: is deſtroyed by pepper.

Phaſiani. Head ovate large: abdomen globular obtuſe.
On the Pheaſant. *Redi Oper. 1.*

*Caponis.

*Caponis. Abdomen edged with black.
Redi Exp. tab. 16. *fig.* 1. *Frisch. Inf.* 11. *tab.* 24.
On common Poultry.

*Tetraonis. On the Tetrao Tetrix or Black-game.
Redi Exper. tab. 14.

*Lagopi. On the Tetrao lagopus or Ptarmigan.

*Columbae. Body filiform, ferruginous and clavate behind.
Albin Aran. tab. 43. *Redi Exp. tab.* 2. *fig.* 1.
On the common Pigeon.

*Emberizæ Pale brown: abdomen whitish with lateral brown spots: head taiangular.
On the Bunting. *Degeer. Inf.* 7. *tab.* 4. *fig.* 9.

*Pari. Body ovate, tail ending in 4 bristles.
Frisch. 8. *tab.* 1. *fig.* 5. *Schr. Beyt. tab.* 1. *fig.* 36.
On various species of Parus or Tit-mouse.

*Motacillae. Head heart-shaped rufous: abdomen white and tapering at the base.
On the motacilla or Wag-tail.

*Hirundinis Palish; abdomen black spotted with white.
On the Hirundo apus or Swift.
Abdomen bristly at the sides.

*Gryllotalpæ Blood-red with white legs.
On the Acheta Gryllotalpa or Mole-cricket.
Sucker long inflected black: *body* red immaculate.

*Apis. Body filiform ferruginous.
Inhabits *Europe*, on Bees. *Frisch. Inf.* 8. *tab.* 16.

*Farionis. On the Salmo fario or Trout.
Inhabits *Norway*. *Fn. Suec.* 1964.

*Musculi. White; thorax large and 2-lobed behind: abdomen sinuate and 2-toothed.
On the common Mouse. *Schranck. Inf. Aust. p.* 501.
Body very small and diaphanous.

Anatis. Whitiſh: firſt ſegment of the thorax round and truncate each ſide, the next and abdomen linear and long.
On the wild Duck. *Schranck. Auſt. p.* 503. *n.* 1026.

Ortygometrae. Oblong with a heart-ſhaped head: thorax narrow: ſegments of the abdomen briſtly with large ſpotted ſpiracles each ſide.
On the Land Rail. *Schranck. Auſt. p.* 503. *n.* 1027.

Alaudae. On the Alauda arvenſis or Sky-lark.
Schranck. Inſ. Auſt. p. 506. *n.* 1032.

Sturni. On the Sturnus vulgaris or Starling.
Schranck. Inſ. Auſtr. p. 506. *n.* 1033.

Curvirostrae. On the Loxia curviroſta or Grosbeak.
Schranck. Inſ. Aust. p. 506. *n.* 1034.

Pyrrhulae. On the Loxia pyrrhula or Bullfinch.
Schranck. Inſ. Aust, p. 506. *n.* 1035.

Cloridis. On the Loxia chloris or Greenfinch.
Schranck. Aust. p. 506. *n.* 1036.

Citrinellae. On the Emberiza citrinella os Yellow-hammer.
Schranck, Inſ. Aust. p. 507. *n.* 1037.

Carrucae. On the Motacilla curruca or Babbling Warbler.
Schranck. Inſ. Aust. p. 507. *n.* 1038.

Rubeculae. On the Motacilla rubecula or Red-breaſt.
Schranck. Inſ. Aust. p. 507. *n.* 1039.

113. PULEX. *Mouth* without jaws or feelers, with a long inflected proboſcis covered at the baſe with 2 ovate laminæ, the ſheath 2-valved, 5-jointed and concealing a ſingle briſtle: *lip* rounded and fringed with reflected prickles: *antennae* projecting moniliform: *eyes* 2: *abdomen* compreſſed: *legs* 6, formed for leaping.
Flea.

* *Irritans.*

*Irritans. Proboſcis ſhorter than the body.
Baker Microſ. tab. 13 *fig.* 6. *Burbut. Inſ. tab.* 18.
Lederm. Microſ. 4. *tab.* 20. *Sulz. Inſ. tab.* 22. *fig.* 146.
Inhabits *Europe* and *America*, and is a well-known and troubleſome inſect in every family, The *eggs* are ſmooth and ſlippery, and depoſited at the baſe of the hairs of animals and on blankets &c.
The *larva* without feet cylindrical active and furniſhed with 2 ſpines under the tail: *pupa* quieſcent and incloſed in a ſmall downy follicle.
At *Surat* an hoſpital is endowed for theſe and other vermin, where every day, ſome poor wretch for hire ſuffers himſelf to be faſtened down and preyed upon.

*Penetrans. Proboſcis as long as the body. *Chigoe.*
Inhabits *South America*. *Cateſby Carol.* 3. *tab.* 10. *fig.* 3.
This inſect is very troubleſome in the Sugar colonies, penetrating into the ſkin of the inhabitants, where it lodges its eggs and cauſes malignant and often fatal ulcers.
Body reddiſh-brown: *abdomen* of the female when gravid, orbicular and ſwollen to near an 100 times its uſual ſize.

114. ACARUS. *Mouth* without proboſcis; the ſucker with a cylindrical 2-valved ſheath: *feelers* 2 compreſſed and as long as the ſucker; *eyes* 2, placed on the ſides of the head: *legs* 8. *Tick.*

A. *Antennæ filiform, reſembling legs.*

*Elephantinus. Orbicular depreſſed, livid with an ovate black ſpot at the baſe.
Inhabits *India*. *Schranck. Beytr.* 128. *tab.* 6. *fig.* 14. 15.

*Greſſus. Ovate, a little depreſſed, olive-brown with very fine curved ſtriæ: ſcutel blackiſh with a coppery-gold baſe and tip.
Pallas Spicil. Zool. 9. *p.* 43. *tab.* 3. *fig.* 12.
Inhabits animals of *South America*: very large.
Probably a mere variety of the laſt.

*Ricinus. Globular ovate livid with a round brown ſpot at the baſe. *Dog-tick.*
On Dogs. *Degeer. Inſ.* 7. *tab.* 5. *fig.* 16, 17.

Redtwi.

**Reduvius.* Oval flat livid with a round brown ſpot at the baſe.
On Dogs and Cattle. *Degeer. Inſ.* 7. *tab.* 6. *fig.* 1, 2.

Pallipes. Oval brown: antennæ and legs pale.
Inhabits *Kiel*; ſize of A. Ricinus.

Hiſpanus. Oval, black; legs ferruginous with white joints.
Inhabits *Barbary*; larger than A. ſanguiſugus.

Sanguiſugus Oval, flat, black: abdomen ferruginous: antennæ clavate.
Inhabits *Norway*; on Man and various animals.
Head ſmall round gloſſy-black: *ſucker* ſhort ſubulate: *antennæ* as long as the ſucker, the laſt joint ovate: *thorax* black with a whitiſh margin and rounded behind.

Reflexus. Oval depreſſed pale with a reflected margin, and darker on the diſk.
Inhabits *Italy*. *Diſk* unequally browner.

Ægyptius. Oboval black, with a white margin.
Inhabits *Egypt*.

Undatus. Orbicular black, the ſides unequally white with a black dot.
Inhabits *New Holland*. Muſeum of Sir *Joſ. Banks*.
Head dull ferruginous: *trunk* yellowiſh: *body* above black with a white ſpot in the middle: *legs* reddiſh.

Lipſienſis. Oval brown with a thickened margin.
Inhabits *Germany*: ſmall.

Marginatus Oblong depreſſed brown with a white margin.
Inhabits *France*: ſmall, with an elevated margin.

Iguanæ. Oval flat rufous with gold ſpots: margin of the abdomen with crenate ſtriæ.
Inhabits *America*, on the gular pouch of the Iguana.

Auratus. Orbicular, flattiſh, with gold ſpots: body with numerous impreſſed dots above: abdomen ſlightly crenated.
Naturaliſt's Miſcellany. iv. *tab.* 128.
Found on the Coluber Naja.
Body pale greeniſh-brown with minute black impreſſed ſpecks: edge of the *abdomen* ſlightly indented.

Rhombeatus

Rhombeatus Roundiſh, brown with a ſlightly crenate margin: thorax each ſide with a large rhombic laterally diffracted whitiſh ſpot ſpeckled with brown.
Naturaliſt's Miſcellany. ix. *tab.* 335.
Found on a large Serpent in the Britiſh Muſeum.

**Lepidopterorum.* Ovate ſubferruginous with clavate briſtles on the body and thighs: legs long ſetiform.
Natur. Miſcellany. vi. *tab.* 187.
Found on the lower ſurface of the wings of a moth.
About the ſize of A. Siro. *Body* oval depreſſed and pointed forwards: *feelers* very thick terminated by a long incurved claw and ſurrounded with briſtles.

Cayennenſis Oval, flat varied with grey and white, the hind-margin with 10 raiſed lines.
Inhabits *Cayenne*; ſize of A. ægyptius.
Trunk flat and with the *antennæ* grey: *legs* grey.

Lineatus. Oval, ferruginous with 2 white waved lines,
Inhabits *America*; ſize of the laſt.
Body punctured: *legs* with white joints.

Aureolatus Ovate, brown with 2 green-gold lines and palmate ſpot behind.
Inhabits *America*. *Pall. Spic. Zool.* 9. *tab.* 3. *fig.* 10.

Holſatus. Oval flat ferruginous with a brown thorax.
Inhabits *Kiel*; ſize of the former ones. *Legs* duſky.

Reticulatus Oval ferruginous, ſubreticulate with white lines.
Inhabits *France*. Margin a little elevated and ſtriate.

Indus. Oval ferruginous with an oval black ſpot at the baſe.
Inhabits *India*: longer than A. Ricinus.

Americanus Oboval reddiſh with white ſcutel and joints of the legs.
Inhabits *America*, on Cattle. *Degeer*, 7. *tab.* 37. *fig.* 9. 10.

Vibrans, Roundiſh, teſtaceous immaculate: fore-legs very long.
Inhabits *Cayenne*; minute.

**Craſſipes,* Second pair of legs very long.
Schranck. Beytr. 123. 33. *tab.* 6. *fig.* 4.
Inhabits *Europe*, in gardens and is gregarious.

*Vespertilionis. Thorax angular cruciate; legs furnished with claws and as long as the body.
On the common Bat. *Frisch. Inf.* 7. *tab.* 7.

*Passerinus Third pair of thighs very thick.
Baker. Micr. tab. 14. *Degeer. Inf.* 7. *tab.* 6. *fig.* 12.
On vorious species of Sparrow.

Motatorius Yellow: first pair of legs very long and in continual agitation.
Found on Fungi. *Schranch. Beytr.* 8. *tab.* 1. *fig.* 8, 9.

*Coleoptratus. Black with angular sharp sides.
Under the bark of trees. *Degeer.* 7. *tab.* 8. *fig.* 6.

Aphidiodes Red: first pair of legs formed for running; abdomen 2-horned behind.
In old wood. *Schranck. Beytr. tab.* 1 *fig.* 33, 34.

*Telarius Reddish-hyaline with a brown spot each side the abdomen.
Degeer. Inf. 7. *tab.* 7. *fig.* 20—23.
Schranck. Beytr. 35. *tab.* 1 *fig.* 31—33.
Inhabits *Europe*, and spins a web on the bark of trees, from the top to the bottom of the trunk, which being dispersed by the winds, covers the fields with innumerable threads.

*Siro. Whitish with ferruginous head and thighs: abdomen bristly.
Mite.
Degeer. Inf. 7. *tab.* 5. *fig.* 15, *Bonann. Micr. fig.* 112.
Leuwenk. Epist. 77. *tab.* 370. *fig.* 9, 10.
In cheese and meal which has been kept too long.

*Domesticus White with 2 brown-spots; body ovate, contracted in the middle: legs equal,
Inhabits *Europe*, in houses. *Degeer. Inf.* 7; *tab.* 5, *fig.* 1—4.
This is perhaps only a variety of the last.

*Scabiei, White with reddish legs, the 4 hind-ones with a very long bristle.
Itch-insect.
Baker. Microsc. p. 193. *tab.* 13. *fig.* 2. a, b, c.
Degeer. Inf. 7. *tab.* 5. *fig.* 12, 13. *Rivin. prur.* 18. *fig.* A, B.
Found in the small pellucid vesicles with which the hands and joints of persons infected with the Itch are covered. It appears to be the cause of the disorder, and occasions its being so highly infectious.
A. exulcerans of *Linne* is the same animalcule.

*Lactis

Lactis. Abdomen ovate obtuse with 4 declined bristles as long as the body on the hind-part.
Found in Cream which has been kept too long, and in milk-pails which are not kept properly clean.
Body hyaline: *proboscis* and *legs* testaceous.

Dysenterica Legs with 2 bristles: abdomen ovate with 4 horizontal bristles as long as the body.
Found in wooden vats where beer has been kept.

**Geniculatus.* Black: joints of the thighs subglobular.
On the dead branches of Trees. *Schr. Beytr. tab.* 6. *f.* 9, 10.

**Baccarum.* Abdomen distended, red with darker sides.
Schaeff. Icon. tab. 27. *fig.* 1. *Schranck. Beytr. tab.* 1. *fig.* 30.
On Gooseberries Currants and Plumbs.
Thorax with a brown dot each side.

Zosterae. Roundish and whitish with a rufous abdomen.
On Fuci in the *Norway Seas:* small.
Head and *thorax* whitish: *abdomen* red: *legs* white.

**Muscarum* Abdomen rufous: hind-legs very long and filiform.
On Flies. *Degeer. Inf.* 7. *tab.* 7. *fig.* 1.

Batatas. Rather rough and red: fore-legs as long as the body.
Inhabits *America*, on the Potatoe.

**Gymnopterorum.* Abdomen red with 2 scarlet spots each side.
Degeer. Inf. 7. *tab.* 7. *fig.* 9 *Reaum.* 5, *tab.* 38. *fig.* 1—3.
Found on Bees, Wasps and Asili.

**Coleoptratorum.* Oval, rufous with a whitish tail.
Donovan. i. *tab* 11. *Frisch. Inf.* 4. *tab.* 10.
Roes. Inf. 4. *tab.* 1. *fig.* 10—15. *Degeer.* 7. *tab.* 6. *fig.* 15.
On the bodies of various species of Beetle.

Caraborum Hyaline yellowish with an elevated chesnut spot on the back.
Inhabits *Kiel:* on the bodies of *Carabi.*
Body small: *antennae* and *legs* darker.

**Phalangii* Ovate, red: trunks projecting: legs long.
On the bodies of Spiders. *Degeer, Ins.* 7, *tab.* 7. *fig.* 5.

Phaetonis. Ovate and pointed behind: legs fasciculate at the tip.
In the museum of Sir *Jos. Banks Fig. pict.*
Inhabits the *Southern Ocean*, on the Tropic-bird.

**Rupestris.* Brown with a 2-coloured dorsal line.
Inhabits *Europe*. *Schranck. Beytr.* 9. *tab.* 1. *fig.* 11, 12.
Body brown with a line down the back which is sometimes red and sometimes white, but generally whitish on the upper half and red behind.

**Longicornis.* Red: antennæ bifid and longer than the sucker.
Inhabits *Europe*, among stones. *Burbut. Inf. tab.* 18. *Gen.* 6.
Body oblong with a sharp pointed head and snout: *antennæ* forked at the end, the inner division shorter.

**Littoralis* Oval red with a projecting subulate snout.
Found on the Sea-shore among stones.
Antennæ 4-jointed filiform: *abdomen* with a few impressed dots each side.

Fucorum. Pale with 2 flexuous black lines: hind-legs very short incurved.
Inhabits the *Norway Seas*, on Fuci.

**Fungorum* Reddish-brown: abdomen subglobular immaculate.
On Fungi. *Schranck. Beytr.* 127. *tab.* 6. *fig.* 11, 12.

Tremellæ. Body subglobular blueish-black.
Found on the *Tremella juniperina.*

Salicinus. Red with a double brown dorsal line which is forked on the fore-part.
Found on the *Willow*, and is very nimble.

Crocens: Fulvous with a rufous dot at the sides of the thorax.
Found on protuberances of the *Willow.*

Ambulantium. Abdomen crenate behind: scutel ovate subfulvous: sucker 3-parted.
Iutebucu. *Marcgr. Bras.* 245.
Inhabits *America*, and is very troublesome to the natives, by getting into their legs and causing painful itchings.
Fore-legs armed with short spines.

Scaber. Cinereous depressed with rough sides.
Found early in the spring on the ground. *Fn. Suec*, 1998.

Rubipes

Ruffpes. Ovate white, the fore-part cruſtaceous and ferruginous: legs ferruginous.
Inhabits *Europe*. *Muſ. Lesk. p.* 136. *n.* 231.

Lichenis. Firſt and fourth pair of legs very long, ſecond pair very thick.
Schranck. Inſ. Auſtr. p. 510. *n.* 1048.
Found on the under ſurface of the *Lichen caninus*.

Leucurus. Second pair of legs very thick: body teſtaceous with a paler tail.
On dead bodies, *Schranck, Aust. p.* 510. *n.* 1050.

Locuſta. Body with 4 briſtles behind and as many at the ſides.
On the Parus cœruleus, *Scranck. Aust. p.* 510, *n.* 1050.

Conferviae Ovate brown; ſecond joint of the legs very ſmall, third armed with a long briſtle at the tip.
Schranck. Inſ. Aust. p. 511. *n.* 1054.
Found on the filaments of the Conferva, under water, and periſhes when taken into the air.

Cadaverum Body nearly 2-lobed, with 4 briſtles behind longer than the body.
In the carcaſſes of Inſects. *Schr. Aust. n.* 1055.

Deſtructor Ovate with numerous long briſtles at the tail and one at each of the feet.
Schranck. Inſ, Aust. p 512. *n.* 1057.
Found in the bodies of Inſects and other ſubjects of Natural Hiſtory which are kept in too moiſt a place: is more deſtructive to Muſeums than even the Ptinus Fur, and not viſible to the naked eye.

Eruditus. Firſt pair of legs very thick and chelate, ſecond pair very long with 2 briſtles at the tip.
Schranck. Inſ. Aust. p 513. *n.* 1058.
Found in books kept in damp places, particulary about the backs, where the ſheets have been glued together: is very injurious and not viſible without the help of a glaſs.

Alaudae. Tail emarginate behind.
On the Alauda arvenſis. *Schr. Aust. p.* 515. *n.* 1060.

Graminum. Rufous: firſt pair of legs very long: abdomen crenate behind.

Schr. Inf. Aust. p. 515. *n.* 1061.
On the leaves of Plants, which it covers with ſmall ſpots.

Appendiculatus. Subglobular, ſcarlet with long paler legs, the hind-ones longer.
On the Lichen pulmonarius. *Scr. Aust. n.* 1065.

Vitis. Ovate red briſtly: legs equal, with a few ſcattered briſtles.
On the Vine. *Schranck Inſ. Aust. p.* 519. *n.* 1067.

Piger. Red with paler legs: abdomen with ſhort black briſtles behind.
On Moſs. *Schranck. Aust. p.* 519. *n.* 1068.

Denticulatus. Body with 4 teeth on the fore-part.
Schranck Inſ. Aust. p. 520, *n.* 1070.
Found among potted Ortolans.

Testudinarius. Abdomen nearly ſmooth and globular when in motion.
On the ground. *Schranck Inſ. Aust. p.* 520. 1072.

Rubens. Red: ovate-oblong: legs nearly equal.
On Moſs. *Schranck Inſ. Aust. p.* 520. *n.* 1073.

Praegnans Red globular and quite ſmooth: legs paler, the fore-ones longer.
In freſh earth. *Schranck. Inſ. Aust. p.* 521. *n.* 1074.

Muſci. Horny, black, hairy.
On Moſs. *Schranck Aust. p.* 521. *n.* 1075.

Limacum. Found on the Helix pomatia or Snail.
Schranck Inſ. Aust. p. 521. *n.* 1076.

Foliorum. Ovate, hyaline, naked: all the legs equal.
On the leaves of trees. *Schranck Aust. p.* 521. *n.* 1078.

Putreſcentiae. Oval, hyaline briſtly: legs nearly equal.
In garden Mould. *Schranck Austr. p.* 521. *n.* 1079.

Carduelis. Ovate, ſubhyaline, blackiſh, naked: legs nearly equal and inflated.
On the Fringilla carduelis. *Schranck Auſt. p.* 522. *n.* 1080.

Coccineus Ovate, ſcarlet: body unarmed.
On Inſects. *Schranck. Aust. p.* 522. *n.* 1082.
Legs generally 6, long filiform:

Vegetans.

Vegetans. Cruſtaceous, brown, margined. convex and flat beneath.
On coleopterus Inſects. *Schranck Aust. p.* 524. *n.* 1084.

Sambuci. Red with paler legs and feelers: body and legs covered with longiſh briſtles.
Schranck Aust. p 524. *n.* 1085.
On the leaves of the Sambucus nigra : ſlow.

Acarorum. Hemiſphærical, pale, glabrous with equal legs.
On the Acarus craſſipes. *Schranck. Aust. p.* 524 *n.* 1087.

Cardinalis. Ovate pubeſcent red, black beneath between the legs : ſcutel ovate black.
On Moſs. *Pall. Spicil. Zool.* 9. *p.* 44.

B. *Antennae ſetaceous.* Trombidium.

Tinctorius. Abdomen hairy red and obtuſe behind: fore-ſhanks paler.
Pallas ſpicil. Zool. faſc. 9. *tab.* 3. *fig.* 11.
Body very hairy and red, but turns white when preſerved in ſpirits of wine.

**Holoſericeus.* Ovate, red, depreſſed, ſilky, and retuſe behind.
Degeer. Inſ. 7. *tab.* 8. *fig.* 12, 13. *List. Aran. fig.* 38.
Blank Inſ. tab. 41. *fig.* 1. *Roeſ. Inſ.* 4. *tab.* 38.
Inhabits *Europe* and *America*, on dry ſoil.

**Aruaticus* Ovate, red, depreſſed, downy, obtuſe behind
Degeer. Inſ. tab. 9. *fig.* 3, 4. *Friſch. Inſ.* 8. *tab.* 3.
Roeſ Inſ. 3. *tab.* 25. *Sulz. Inſ tab* 22. *fig.* 147.
Inhabits *Europe*, in freſh waters, and ſwims very nimbly.

115. HYDRACHNA. *Head, thorax* and *abdomen* united: *feelers* 2, jointed: *eyes* 2---6: *legs* 8, ciliate and formed for ſwimming.

Theſe are inhabitants of the Water, and ſwim with great velocity, they prey on the larvæ of Tipulae and Monoculi: the *eggs* are red and at the firſt ſphærical, but afterwards become ſemilunar: *larva* 6-footed and furniſhed with a ſingular proboſcis.

A. *Eyes* 2 : *body tailed,*

**Globator.*

* *Globator.* Body globular with red eyes.
Muller Hydrach. 27. *tab.* 1. *fig.* 1—5.
Found plentifully in ſtagnant waters.
Male greeniſh ſpotted: *female* blueiſh immaculate and twice as large.

Tabulator. Globular, yellowiſh with a ſpotted diſk: tail cylindrical equal.
In ſtagnant water. *Mull. Hydr.* 29. *tab.* 2. *fig.* 6.

Buccinator Obovate red, and black behind: tail cylindrical yellow and narrowed at the baſe.
In Banks. *Mull. Hydrach.* 30. *tab.* 3. *fig.* 1.
Body beneath black: *eyes* reddiſh: *legs* black.

Cuſpidator. Brown; truncate before and mucronate behind: tail depreſſed 2-toothed.
In Fiſhponds. *Mull. Hydrach.* 31. *tab.* 2. *fig.* 4.
Body depreſſed and broadiſh on the fore-part, behind narrowed and armed with an erect triangular ſpine: *eyes* black: *legs* pale.

Puſtulator. Gibbous, red: tail depreſſed, with obtuſe angles.
In graſſy ſtreams. *Mull. Hydr.* 32. *tab.* 3. *fig.* 3.
Body ſmooth and generally covered with vorticelli.

Albator. Rounded, grey with a white diſk: tail depreſſed 3-toothed.
In Fiſhponds. *Mull. Hydrachn.* 33. *tab.* 2. *fig.* 1, 2.

Maculator Rounded, cinereous, ſpotted and mucronate behind: tail depreſſed 3-toothed.
In ditches. *Mall. Hydrach.* 34. *tab.* 2. *fig.* 3.
Breaſt whitiſh: *legs* green.

Tricuſpidator. Red with a triple gibboſity on the back: tail depreſſed 3-toothed.
In pools. *Mull. Hydrach.* 34. *tab.* 3. *fig.* 2.
Body ſubreticulate: *breaſt* blackiſh: *feelers* and *legs* whitiſh.

Emarginator. Red with a gibbous back: tail depreſſed emarginate.
In Bogs. *Mull. Hydrachn.* 34. *tab.* 3. *fig.* 4.
Reſembles H. puſtulator. *Feelers* and *legs* greeniſh.

Sinuator. Grey; the back yellowiſh on the fore-part and tri-punctured behind: tail depreſſed ſinuate.
In ſtagnant water. *Mull. Hydrach.* 37. *tab.* 2. *fig.* 5.
Body reticulate: *feelers* and *legs* white.

Integrator.

Integrator Green immaculate with a depreſſed entire tail.
In Ditches. *Mull. Hydrachn.* 38. *tab.* 3. *fig.* 7.
Body roundiſh-oval, depreſſed and contracted behind: *breaſt* yellowiſh: *legs* hyaline.

Papillator. Rounded, purple with an excrefcence each ſide the tail: legs black.
In wet meadows. *Mull. Hydrachn.* 39. *tab.* 3. *fig.* 6.

B. *Eyes* 2: *back marked with a fork.*

Craſſipes. Obovate; black, the diſk black with a reddiſh fork: tail papillous: fore-legs thick.
In ditches. *Mull. Hyarachn.* 41. *tab.* 4. *fig.* 1, 2.
Body pellucid with a white breaſt: *legs* 3 or 4 times as long as the body.

Groſſipes. Nearly ſquare, white with 3 ſpots and a rufous fork: fore-legs thick.
In fiſh-ponds. *Mull. Hydrachn.* 43, *tab.* 4. *fig.* 3.
Body pellucid glabrous: *legs* twice as long as the body.

Clavicornis Obovate rufous with a yellow fork: feelers clavate: legs pale.
In Ponds. *Mull. Hydrachn.* 44. *n.* 15.
Eyes black: *feelers* and *legs* white,

Spinipes. Oval, greeniſh-yellow with 8 dots and a rufous fork: legs ſpinous.
In Pools. *Mull. Hydrachn.* 45. *tab.* 4. *fig.* 5, 6.
Body poliſhed, with black eyes breaſt legs and dots on the back.

Longicornis Nearly ſquare, white with 5 brown ſpots and a rufous fork: feelers long.
In Rivulets. *Mull. Hpdrachn.* 47. *tab.* 4. *fig.* 4.

Vernalis. Oval, greeniſh with a deeper diſk and rufous fork.
In overflown Meadows. *Mull. Hydrachn.* 48. *tab.* 5. *fig.* 1.
Has the appearance of a grey dot with extended white legs.

Lunipes. Oval, white, ſpotted, with a clear white fork: fourth joint of the hind-legs lunate.
In ditches. *Mull. Hydrachn.* 49. *tab.* 5. *fig.* 5, 6.
Body pellucid with large eyes: *feelers* and *legs* pale.

Trifur-

Trifurcalis Oval, whitiſh with a brown back and triple ſilvery fork.
In wet Meadows. *Mull. Hydrachn.* 50 *tab.* 5. *fig.* 2.
Feelers ending in a claw and with the *legs* pale greeniſh-white: *eyes* black: *abdomen* beneath ſometimes brown with a white line.

Orbicularis Depreſſed, orbicular, pale yellow with black ſpots on the diſk and a rufous fork.
In fords of Rivers. *Mull. Hydrachn.* 51. *tab.* 5. *fig.* 3, 4.
Eyes black; *legs* white.

Stellaris. Globular, blue with a cinereous back and ſtellate fork.
In banks of Rivulets. *Mull Hydrachn* 52. *tab* 6. *fig.* 3.
Body reticulate: *legs* hardly longer than the body.

Ovalis. Ovate compreſſed, greeniſh and flattiſh above, carinate and yellow-brown beneath: feelers placed beneath.
In overflown Meadows. *Mull. Hydrachn.* 53. *tab.* 10. *fig.* 3, 4.
Eyes and *legs* black: *feelers* placed beneath the legs.

Elliptica. Rounded, blue with fulvous ſpots and dots.
In Rivulets. *Mull. Hydrachn.* 54. *tab* 7. *fig* 1, 2.
Eyes black: *legs* white. *breaſt*, *tail* and *hind margin* yellowiſh.

Orbiculata Depreſſed, orbicular, violet with a white ſpot and circle.
In muddy ditches. *Mull. Hydrachn.* 55. *tab.* 7. *fig.* 3, 4.
Breaſt fulvous with a greeniſh tip: *feelers* and *legs* whitiſh: *eyes* black.

Lugubris. Globular browniſh with black ſtreaks: legs green.
In Bogs. *Mull. Hydrachn.* 57. *tab.* 7. *fig.* 5.
Eyes black: *feelers* green.

Truncatella Grey, oblong, truncate behind with duſky dots and lines.
In Marſhes. *Mull. Hydrachn.* 57. *tab.* 7, *fig.* 6.
Eyes black: *feelers* white.

C. *Eyes* 2: *body glabrous.*

Deſpiciens. Rounded, red with numerous ſpots: eyes placed beneath.
In Ditches. *Mull. Hydrachn.* 58. *tab.* 6. *fig.* 8.
Body ſlightly depreſſed thick and wrinkled: *eyes* blackiſh: *legs* pale yellow.

Geogra-

Geogra-phica. Sphærical, black with 4 ſcarlet ſpots and dots.
In Ditches. *Mull. Hydrachn.* 59. *tab.* 8. *fig.* 3—5.
The largeſt and moſt beautiful of its genus. *Eyes*, *feelers* and laſt joint of the *legs* red.
2. *Feelers* black. *Roeſ. Inſ.* 3. *tab.* 24. *fig.* 6, 2.

Abſtergens. Globular, carmine immaculate with black legs.
In ſtagnant Water. *Mull. Hydrachn. p.* 61. *n.* 30.
Roeſ. Inſ. 3. *tab.* 24
Body with black lines beneath *eyes* and *feelers* black.

Extendens. Rounded, red: hind-legs contracted.
In ditches. *Mull. Hydrachn.* 62. *tab.* 9. *fig.* 4.

Cruenta. Diſtended, red: legs equal.
In wet Meadows. *Mull. Hydrachn.* 63. *tab.* 9. *fig.* 1.
Eyes red: *feelers* pubeſcent.

Impreſſa. Diſtended, red with impreſſed dots: feelers ſhort.
In Marſhes. *Mull. Hydrachn.* 64. *tab.* 9 *fig.* 2.
2. *Feelers* long. *Mull. Hydrachn.* 64. *tab.* 9. *fig.* 3.

Lunaris. Oval, rufous with a black lunate ſpot on the back.
In Fiſhponds. *Mull. Hydrachn.* 65. *tab.* 6. *fig.* 1, 2.
Eyes black; *legs* grey.

Liliaceæ. Obovate whitiſh, the diſk lilly-white with a black ſpot each ſide.
In Fens. *Mull. Hydrachn.* 66. *tab.* 9. *fig.* 5, 6.
Feelers, *legs* and *breaſt* pale, the latter ſpotted with black.

Ovatæ. Obovate, grey-brown with a triangular fulvous ſpot: legs pale black.
In ditches. *Mull. Hydrachn.* 68. *tab.* 8. *fig.* 7.
2. Back marked with a fulvous croſs: *legs* black. *eyes* and *feelers* black.

Torris. Oval, yellowiſh with lateral black ſpots and red in the middle: hind-ſhanks lamellate.
In Ditches. *Mull Hydrachn.* 69. *tab.* 6. *fig.* 4.
Eyes black: *legs* white.

Strigatæ. Oblong, yellowiſh-green, the fore-part depreſſed with 2 blackiſh ſtreaks which unite behind.
Near the banks of rivers. *Mull. Hydrach.* 71. *tab.* 10. *fig.* 1, 2.
Eyes black: *feelers* and *legs* white.

Nodata. Red, truncate before and ſpotted each ſide: hind-legs knotty.
In Ditches. *Mull. Hydrachn.* 72. *tab.* 8. *fig.* 6.
Eyes black: *feelers* annulate: *legs* yellowiſh and longer than the body.

Obſoleta. Rounded, reddiſh-brown with a double obſolete ſtreak behind the eyes.
In moiſt woods. *Mull. Hydrachn.* 73. *tab.* 6. *fig.* 5.
Eyes black: *feelers* pellucid: *legs* pale browniſh.

Complanata Green, depreſſed and emarginate before with a white band in the middle.
In Ditches. *Mull. Hydrachn.* 74. *tab.* 9. *fig.* 7, 8.
Body elliptic; *eyes* black: *feelers* and *legs* pellucid.

Muſculus. Green, oval compreſſed: above grooved, beneath carinate.
In Marſhes. *Mull. Hydrach.* 75. *tab.* 10. *fig.* 5, 6.
Varies in colour. *Eyes* black: *feelers* white pellucid.

Latipes. Oval, yellowiſh and ſpotted each ſide: fourth joint of the hind-legs dilated.
In Marſhes. *Mull. Hydrachn.* 76. *tab.* 8. *fig.* 1, 2.
Legs pale or bluciſh tipt with brown.

Verſicolor. Nearly ſquare with whitiſh blue and brown ſpots.
In wet Meadows. *Mull. Hydrach.* 77. *tab.* 6. *fig.* 6.
Body white, beneath brown with a yellowiſh margin: *feelers* and *legs* white pellucid.

D. *Eyes* 4.

Calcarea. Rounded, brown with a clear white diſk.
In Marſhes. *Mull. Hydrach.* 78. *tab.* 11. *fig.* 5.
Eyes black: *feelers* pointed: *legs* pale pellucid.

Fuſcata. Ovate, reddiſh-brown with a darker diſk and pale rufous fork.
In muddy ditches. *Mull. Hydrachn.* 79. *tab.* 11. *fig.* 2.
Body convex, ſpotted on the back: *eyes* black: *legs* and *feelers* white pellucid.

Undulata. Oval, pale yellow with flexuous black ſtreaks.
In Marſhes. *Mull. Hydrachn.* 80. *tab.* 11. *f.* 1.
Body ſubglobular pellucid with black eyes.

Maculata.

Maculata. Oval, red with black ſpots on the back.
In Ditches. *Mull. Hyarachn.* 81. *tab.* 11. *fig.* 3.
Eyes black: *legs* pale yellow pellucid: *feelers* pale yellow and ſometimes long ſometimes ſhort.

E. *Eyes* 6.

Umbrata. Rounded red with numerous darker ſpots.
In marſhy woods. *Mull. Hydrach.* 82. *tab.* 11. *f.* 6.
Body glabrous, ſubdepreſſed with 10 darker ſpots above: *eyes* black: *feelers* yellowiſh at the tip: *legs* yellow.

116. PHALANGIUM. *Mouth* with horny mandibles, the ſecond joint with a very ſharp moveable cheliferous tooth: *feelers* filiform; *antennae* 0: *eyes* 2 on the crown and 2 at the ſides: *legs* 8; *abdomen* generally rounded.

Theſe in their various ſtages of transformation prey on the ſmaller inſects and worms; the *larva* and *pupa* are active 8-footed and reſemble the perfect inſect.

A. *Mouth with a conic tubular ſucker.*

a. *Feelers* 4, *the upper ones chelate.* Nymphion.

**Groſſipes.* Body minute cylindrical glabrous: ſhoulders tuberculate: legs very long.
Inhabits *European Seas. Lin. Tranſ.* v. *p.* 7.
Strœm. Sundm. 208. *tab.* 1. *fig.* 16.
Body dirty red, very minute and ſlow: inſinuates itſelf into the ſhells of Muſcles and deſtroys the fiſh.

Hirtum. Body filiform hairy.
Inhabits the *Norway Ocean*; ſize of the laſt.
Body linear and covered with hair: *legs* long hairy but ſhorter than thoſe of the laſt.

Spinipes. Body cylindrical ſlender: legs very long and ſpinous.
Inhabits the Seas of *Norway. Fab. Fn. Groen. p.* 232. *n.* 211.

b. *Feelers* 2. Pycnogonum.

**B lanarum.* Feelers 2: body ovate, red on the back.
Inhabits *European Seas. Pennant. Br Zool.* iv. *tab.* 18. *fig.* 7.
Found under ſtones. *Sucker* projecting ſtraight obtuſe at the tip with a round perforation: *feelers* as long as the ſucker and placed at its baſe: *legs* pointed.

B. *Mouth without ſucker.*

a. *Feelers projecting incurved.* Phalangium.

Bicolor. Body roundiſh and black above: legs very long with teſtaceous joints and tips.
Inhabits *Helvetia*; large.
Body beneath cinereous; *feelers* cinereous: *mandibles* tip with black.

Morio. Abdomen ovate black, beneath and baſe of the legs pale.
Inhabits *Norway*, about rocks: larger than P. Opilio.
Body with a waved paler lateral line above: *feelers* black: *mandibles* pale: *legs* long rough.

**Opilio.* Abdomen ovate grey, beneath whitiſh. *Long-legged Spider.*
Degeer. Inſ. 7. *tab* 11. *fig* 1. *Brodl Nat. tab* 24 *fig.* 2.
Clerk Aran. tab. 6. *fig.* 10, 3 *Sulz tab.* 22 *fig.* 140.
Inhabits *Europe* and *America*, and wanders about by night.

**Cornutum* Abdomen depreſſed: mandible conic aſcending: feelers reſembling legs.
Geoffr. Inſ. 2. *tab.* 20. *fig.* 6. *Sulz. Inſ. tab.* 29. *fig.* 10.
Degeer. Inſ. 7. *tab.* 10. *fig.* 12. *Schaeff. Icon. tab.* 39. *fig.* 13.
Inhabits *Europe*, reſembles the laſt
Body above grey-brown with a darker rhombic ſpot in the middle: *head* with 2 creſted prominences.

B. lineatum Pale with 2 black dotted dorſal lines.
Inhabits Seas of *Norway*, on rocks.
Legs with darker rings, the 2 firſt pair much ſhorter than the other, all the thighs tipt with black and armed with minute ſpines.

Diadema. Thorax with an elevated ſpinous tubercle on the back.
Inhabits Seas of *Norway*.
The tubercle on the back ſpinous at the tip and furniſhed with a large eye each ſide.

Carinatum Brown; abdomen depreſſed carinate; fore-legs 1-toothed before the tip.
Inhabits

Inhabits *Dresden*; size of P. Opilio.
Legs moderate, the fore-ones resembling feelers: *mandibles* chelate black.

*2-maculatum. Abdomen black with 2 white spots.
Inhabits *England* *Donovan. Engl. Insects.* v. *tab.* 156. *f.* 4.
Body very small ovate black with 2 white spots: *abdomen* surrounded with a very fine submarginal white line: *legs* long black.

Araneoides Chelae or claws toothed villous: body oblong.
Pall. Spic. Zool 9. *tab.* 3. *fig.* 7—9. *Pet. Gaz. tab.* 85. *fig.* 9.
Inhabits the *Cape of good hope*, and southern parts of *Russia*. Its bite is extremely poisonous, occasioning livid tumours and sometimes death.
Body soft livid woolly with inflated claws.

*Cancroides Abdomen obovate depressed ferruginous chelæ or claws oblong hairy.
Donovan. iv. *tab.* 215. *Degeer.* 7. *tab.* 19. *fig.* 14.
Seba. Mus. 1. *tab.* 70. *Roes. Inf.* 3. *tab.* 64.
Inhabits *Europe*, in cellars and damp places, and is the little insect which gets into our legs and under the skin, causing a painful itching.
2. Chelæ ovate. *Scorpio cimicoides.* *Fabr.* ii. *f.* 436.

*Araroides. Abdomen cylindrical yellowish; chelæ or claws ovate smooth.
Inhabits *America*. *Degeer. Inf.* 7. *tab.* 42. *fig.* 1, 2.
Twice as large as the former. Its bite is said to be extremely painful and dangerous.

b. *Feelers thick spinous and furnished with a claw at the tip.*
Tarantula.

*Hirsutum Feelers serrate: body suboval with 10 angles.
Inhabits *England*. *Linn. Transf.* v *p.* 7. *tab.* 2. *fig.* 1, 2.
Body oval, with 10 angles, and marked with a transverse band near the centre: *legs* hairy: *tail* cylindrical obtuse: *colour* palish-brown: *length* ⅛ of an inch.

*Reniforme. Feelers serrate: fore-legs very long and filiform; thorax kidney-shaped.
Brown Jamaica. p. 419. *tab.* 41. *fig.* 3.
Blanc. Inf. tab. 17. *fig.* B. *Pall. Spic. Zool.* 9. *tab.* 3. *fig.* 3.
Inhabits *South America* and its Islands.
Feelers large thick 4-jointed, the first joint short and cylindrica resembling a lip, 2, 3 serrate with spines at the margin, 4 ending in a long claw.

Candatum.

Caudatum. Feelers branched: tail ending in a briſtle.
Inhabits *India*. *Pall. ſpic. Zool.* 9. *tab.* 3. *fig.* 1, 2.
Sulz, Inſ. tab. 19. *fig.* 11. *Seba. Muſ.* 1. *tab.* 70. *fig.* 7, 8.

Lunatum. Feelers very long and ſpinous at the tip: thorax kidney-ſhaped.
Inhabits *America*. *Pall. ſpic. Zool.* 9. *tab.* 3. *fig.* 5, 6.
Feelers 4 times as long as the body, ſmooth except at the tip which is very ſpinous.

117. ARANEA. *Mouth* with ſhort horny jaws, the lip rounded at the tip: *feelers* 2, incurved, jointed and very ſharp at the end, thoſe of the male clavate: *antennae* 0: *eyes* 8, rarely 6: *legs* 8: *abdomen* ovate villous and furniſhed at the tip with textorial papillæ.

Spider.

In every ſtage of their exiſtence theſe diſguſting animals prey with the moſt ſavage ferocity upon all other inſects they can overcome and even upon one another: from the papillæ at the end of the abdomen they throw out at pleaſure a number of fine threads, which they unite in various ways for the purpoſe of entrangling their prey: they every year caſt off their old ſkin, which is performed by ſuſpending themſelves in ſome ſolitary corner, and creeping out of it. The younger ones have the power of flight, and in the Autumn aſcend the air to a great heigth; to perform which, they probably aſcend ſome high eminence, and are wafted about by the winds, filling the atmoſphere with their fine threads.
They are infeſted by the Sphex and Ichneumon.

A. *Eyes placed* ::::

**Extenſa.* Abdomen long ſilvery-greeniſh: legs longitudinally extended.
Inhabits *Europe*, in woods. *Donovan* v, *tab*, 156. *fig.* 1.
Lister Aran. fig. 3. *Ray. Inſ.* 19, 3.
Head thorax and *legs* reddiſh: *abdomen* greeniſh down the back; firſt pair of *legs* very long, third very ſhort.

Pallens.

Pallens. Pale teſtaceous: mandibles ferruginous with black claws.
Inhabits *American Iſlands*. *Fabr. App.* iv. *p.* 461.
Head large: *abdomen* ovate rounded: *legs* extended, the firſt pair longer, third a little ſhorter.

Lobata. Abdomen ovate lobed, white with double brown lines at the tip.
Inhabits the *Cape of good hope*. *Pall. ſpic. Zool.* 9. *tab.* 3. *f.* 14, 15.

Longimana Ferruginous: abdomen long cylindrical brown: fore-legs very long.
Inhabits *Jamaica*. *Jaws* hooked.
Fore-legs very long, third pair very ſhort.

Regia. Villous, cinereous with a yellow band on the front: legs ſpinous.
Inhabits *Tranquebar*; large.
Legs with numerous ſharp black ſpines placed in pairs.

Viresceus. Green with a black cylindrical abdomen: fore-legs very long.
Inhabits *Zealand*.
Mandibles large greeniſh with darker claws: *head* and *thorax* greeniſh; *legs* long greeniſh, the third pair ſhorter.

Cancriformis. Abdomen globular gibbous, with 6 ſpines round the margin.
Inhabits *Jamaica*. *Brown Jamaic. p.* 419. *tab.* 44. *fig.* 5.
Sloan. Jam. 2. *tab.* 235. *fig.* 4. *Slabb. Microſc tab.* 1.
Body black: *abdomen* large ferruginous with black dots, the margin ſpinous all round.

Venatoria Gloſſy-black with a blackiſh hairy abdomen.
Inhabits *America*. *Brown Jam. p.* 420 *tab.* 44. *fig.* 3.
Sloan. Jam. 2. *tab.* 235. *fig.* 1. 2. *Merian. Sur. tab.* 18.
Spins a large cylindrical web under ground which is covered with a lid: its bite is very painful and frequently occaſions fever and delirium, which is ſoon removed by a gentle ſudorific.
Thorax with a black impreſſed lunule in the middle.

13 guttata Black: abdomen rounded and ſpotted with red.
Inhabits *Italy*. *Roſs. Fn. Etruſc.* 2. *tab.* 9. *fig.* 10.
Its bite is ſaid to be very poiſonous, and it preys on Crickets which it encompaſſes and entangles in a web.

* *Latens.*

**Latens.* Black; abdomen greyiſh with a black interrupted dorſal line.
Inhabits *England*, and ſecrets itself under a ſmall web on the under ſurface of the leaves of plants: ſmall.
Head and *thorax* pubeſcent black: *abdomen* gibbous at the baſe, ovate and covered with cinereous down: *legs* black.

Signata. Greeniſh: ſides of the thorax black: abdomen with 2 black lines.
Inhabits *Kiel*, in Woods: ſmall.
Head greeniſh with a few black ſpecks: *abdomen* globular with a broad line compoſed of 4 black ſpots each ſide: *legs* green dotted with black, the fore-ones longer.

Mactans. Abdomen ovate black with a ſcarlet dorſal line.
Inhabits *America*: ſmall.
Thorax and *legs* duſky brown:
2. Abdomen with 2 pair of ſcarlet dots and tail.

Cicurea. Pale red with a cinereous ovate abdomen.
Inhabits *Germany*. *Panz Fn. Germ.* 2. *tab.* 3. Small.
Found in houſes. *Head* and *thorax* glabrous roſy with a whitiſh dorſal line: *legs* ſhort duſky.

Bicornis. Yellowiſh: abdomen depreſſed with 6 impreſſed dots: head 2 horned.
Inhabits *Tranquebar*.
Head and *thorax* yellowiſh, the margin a little clavate and projecting each ſide into a kind of horn: margin of the *abdomen* a little elevated and brown: *legs* yellowiſh, the firſt pair long.

Nigrita. Black; abdomen with 2 teſtaceous dots beneath.
Inhabits *Saxony*; middle-ſized.
Body black glabrous ſhining: *legs* pale at the tip.

Cornuta. Brown: abdomen oval cylindrical, above yellowiſh white with 4 pair of impreſſed dots and 4 parallel grey lines behind.
Inhabits *America*. *Pall. ſpic. Zool* 9. *p.* 44, *tab.* 3. *fig.* 13.
About the ſize of a man's finger. *Legs* long: *thorax* truncate each ſide and ending in 2 ſmall horns behind.

B. *Eyes.*

B. *Eyes placed* ·::·

*Globosa. Black: abdomen globular with crimson sides.
Inhabits woods of *Europe*. *Donovan*. v. *tab*. 156. *fig*. 2.
Body very small: *abdomen* with an intertupted white band in the middle; *legs* black, the hind-ones longer.

C. *Eyes placed* .····.

*Horrida. Abdomen nearly triangular, the tip truncate and obtuse: 4 fore-legs longer.
Inhabits *Germany*, under the leaves of plants and has a retrograde motion: is of a singular formation.
Body brown: sides of the *front* a little raised: *thorax* silvery on the back and surrounded with a white line: *abdomen* triangular, narrower at the base, the tip much broader truncate and very retuse; sides of the *abdomen* wrinkled: 4 *fore-legs* twice as long as the others and brown, the shanks annulate with white: hind-ones greenish.

*Maxillosa Ferruginous with a greenish abdomen: legs pale mandibles large and projecting.
Inhabits the Island *Santa Cruz*,
Feelers long hairy pale with a brown club at the tip: *abdomen* cylindrical: *fore-legs* longer.

Smaragdula. Green; abdomen paler with a green dorsal line at the base.
Inhabits *France*; large.
Abdomen acute with a square black spot beneath at the base: *legs* green.

Latro. Thorax villous cinereous: abdomen acute black with ferruginous spots.
Inhabits *America*; large.
Mouth pale: *abdomen* ovate: *legs* black with pale thighs.

*Viatica. Brown with a roundish flat obtuse abdomen: 4 hind-legs very short.
Lister. Aran. fig. 29. *Clerk. Aran. tab*. 2. 6. *fig*. 9.
Degeer. Inf. 7. *tab*. 18. *fig*. 23. *Schaeff. Icon. tab*. 189. *fig*. 7.
Inhabits *Europe*, in gardens and meadows: small.

*Domestica Abdomen ovate brown with 5 black and nearly contiguous spots, the anterior ones larger.

Clerk. Aran. 76. *tab.* 2. *fig.* 9. *Lister.* 59. *fig.* 17.
Degeer. Inſ. 7 *tab.* 15 *fig.* 11.
Inhabits *Europe*, very common in houſes and about windows, and preys chiefly on flies.

Dorſata. Green; abdomen brown on the back.
Inhabits woods of *Kiel*: ſmall.
Abdomen above brown with a paliſh border all round, beneath pale: *legs* green.

Teſtacea. Teſtaceous; abdomen ſubglobular dull greeniſh.
Inhabits *South American Iſlands*; ſmall.
Thorax teſtaceous with a paler margin: *legs* teſtaceous with ferruginous ſpots.

Trilineata. Abdomen ovate whitiſh with 3 longitudinal lines of blackiſh dots.
Inhabits *Europe*. *Fn. Suec.* 2001.
Probably not of this diviſion.

Impreſſa. Black; abdomen ovate with 6 impreſſed dots, and 2 yellow dots beneath.
Inhabits *Norway*; on rocks: large.
Feelers ſhort the laſt joint thick globular and veſicular: *thorax* with a thin white margin: *abdomen* wrinkled at the tail: *legs* brown with teſtaceous rings, the firſt pair very long, the third very ſhort.

**Lævipes.* Abdomen rhomboid depreſſed and ſpotted with black: legs extended and variegated.
Inhabits *Europe*, on Walls. *Degeer. Inſ. tab.* 7. *fig.* 25.
Clerk Aran. tab. 6. *fig.* 3. *Friſch. Inſ. tab.* 10. *fig.* 14.

Tricuſpidata. Greeniſh: abdomen white with a reddiſh tail.
Inhabits *Saxony*.
Head, thorax and *legs* greeniſh: *eyes* eſpecially the latter ones elevated: *abdomen* with a longitudinal abbreviated rufous line and 2 oblique lateral ones nearly meeting in the middle of the abdomen.

D. *Eyes placed* :::

Argentata. Abdomen white, and brown behind, the margin 6-toothed.
Inhabits *America* and *India*; large.

Thorax

Thorax silvery: *abdomen* subovate, white on the fore-part, behind brown with 2 white dots, the margin armed with 3 strong spines each side: *legs* pale annulate with brown.

E. *Eyes placed*

Fasciata. Silvery; abdomen with yellowish band: legs annulate with brown.
Inhabits *Madeira*; large.
Abdomen silvery with 5 yellowish bands which end in brown: *legs* testaceous with numerous brown rings.

**Angulata* Abdomen ovate, the sides angular and acute on the fore-part: thorax with an excavated centre.
Clerk Aran. tab. 1 *fig.* 1. *Degeer; Inf.* 7. *tab.* 12. *fig.* 1.
Inhabits *Europe*, in trees: spins a perpendicular web and varies much in colour.

**Diadema* Reddish-brown: abdomen gibbous and marked with white drop-shaped spots in the form of a cross.
Natur. Miscell. ix. *tab.* 308. *Donovan.* ii. *tab.* 49. 50.
Lister Aran fig. 2. *Clerk Aran. tab* 21. *fig.* 2.
Inhabits *Europe*. in trees; and is a very beautiful insect.
Body varying much in colour from a darker to a lighter reddish-brown: *legs* yellow annulate with brown.

Marmorea. Brown: abdomen ovate varied with white and brown.
Inhabits *Europe*. *Clerk Aran. tab.* 1. *fig.* 2.
Spins its web on the ground. *Body* large brown: *abdomen* variegated: *legs* brown with black joints.

Reticulata. Abdomen globular reticulate, above purplish clouded with brown.
Inhabits *Europe*, in Gardens. *Fn. Suec.* 1994.

**Cucurbitina.* Abdomen subglobular yellow with a few black dots.
Clerk Aran. tab. 2. *fig.* 4. *Lister. Aran. fig.* 5.
Inhabits *Europe*, in trees, and spins a lax web.

Calycina. Abdomen globular pale yellowish.
Fn. Suec. 1996. *Scopol. Ent. Carn.* 1099.
Inhabits *Europe*, in the Calyxes of flowers from which the corol has fallen, and fastens on bees and flies who come to extract the nectar.

8-punctata Abdomen roundish yellow, with 4 black raised dots each side: tail rufous.
Inhabits *Sweden*: is probably not of this division.

Bipunctata Abdomen globular, black with 2 hollow dots.
Inhabits *Europe*, in windows. *Fn. Suec. n.* 1997.

Arundinacea, Abdomen subglobular, white with pale brown spots.
Inhabits *Europe*, among reeds. *Fn. Suec.* 1998.

Riparia. Abdomen ovate black-bronze, tail pale yellow and 2-horned.
Inhabits *Sweden*, on gravely shores. *Fn. Suec.* 2002.

Quadrata Abdomen subglobular, yellowish-rufous with a white line at the base and 4 spots.
Clerk. tab. 1. *fig.* 3. *Lister. Aran. fig.* 3.
Inhabits woods of *Europe*.
Less than A. Diadema. *Head* and *thorax* dusky: *abdomen* reddish with numerous white specks, the back yellowish with a white line in the middle at the base and 4 large spots: *legs* pale with brown rings.
I suspect this to be only a variety of A. Diadema.

Liturata. Testaceous; abdomen pale black with a white margin and marks.
Inhabits *France*; small.
Thorax testaceous depressed with a whitish spot at the base: *legs* pale, 4 fore-thighs black.

4-punctata. Abdomen oblong, the back black and flat with 4 excavated dots.
Inhabits *Europe*, in houses.

Militaris. Black with 4 spines, the hind-ones longer and spreading.
Inhabits *America*; size of A. spinosa.
Two first spines on the *abdomen* erect and black.

Spinosa. Back with 8 spines, the 2 hind-ones spreading: abdomen beneath conic.
Inhabits *America*. *Degeer. Inf.* 7. *tab.* 39. *fig.* 9, 10.
Body triangular dusky-brown.

Aculeata. Back with 6 spines, the hind-ones spreading.
Inhabits *America*. *Degeer. Inf.* 7. *tab.* 39. *fig.* 11, 12. *Head*

Head and *thorax* dull ferruginous: *abdomen* brown on the fore-part with 2 long erect ſpines on the back; the hind-part impreſſed and yellowiſh with 4 ſpines, the fore-ones lateral and very ſhort, the hind-ones conic divergent ferruginous tipt with black: beneath brown wrinkled with a conic truncate annulate tail.

Tetracantha Abdomen globular, with 4 ſpines round the margin.
Inhabits *America*. *Pall. Spic. Zool.* 9. *tab.* 3. *fig.* 16, 17.
Head and *thorax* ferruginous: *abdomen* with impreſſed dots at the baſe.

Hexacantha. Abdomen tranſverſe, with 6 ſpines round the abdomen.
Inhabits *Jamaica*. *Brown Jamaica. tab* 44. *fig.* 5.
Abdomen with 2 ſpines each ſide and 2 behind, the fore-margin with a few black dots.
This appears to be the ſame as A. cancriformis.

Fornicata. Sides of the abdomen vaulted, with 2 ſpines, the poſterior one longer.
Inhabits *New Holland*; In the muſeum of Sir *Joſ. Banks*.
Head and *thorax* black immaculate: *breaſt* yellowiſh: ſpines on the *abdomen* ferruginous, the anterior one at the baſe ſharp and ſhort, the hinder one ſtrong and projecting: the hind-margin likewiſe has 2 equal ſubulate ferruginous ſpines: *abdomen* teſtaceous with annular raiſed brown ſpots at the baſe and tip: *legs* brown.

**Labariuthica.* Abdomen ovate, brown with a whitiſh pinnate line.
Inhabits *Europe*. *Clerk Aran. tab.* 2. *fig.* 8. *Liſter. fig.* 18.
Spins an horizontal web on the ground with a cylindrical cavity.

4-lineata. Abdomen roundiſh, yellow with a purpliſh line each ſide and 4 dots.
Inhabits *Sweden*. Hyaline with a yellow front.

**Redimita.* Abdomen oval, pale yellow with a crimſon oval crown or ring on the back.
Inhabits *Europe*, in Gardens. *Clerk Aran. tab.* 3. *fig.* 9.
Liſter Aran. fig. 12. *Eviſch Inſ.* 10. *tab.* 4.
Legs long white tranſparent.

Corollata. Abdomen oval black with a white oval ring on the back.
Inhabits *Europe*, on plants. *Clerk Aran. tab.* 5. *fig.* 18. ?

**Montana.*

* *Montana.* Abdomen oval white with grey ſpots.
Inhabits *Europe*, on trees. *Liſter Aran. fig.* 6.
Thorax and *legs* pale, fore-legs long extended.

Sanguinolenta. Abdomen ovate, ſcarlet with a longitudinal black line.
Inhabits *Spain*. *Head* and *legs* black.

Nigra. Abdomen ovate and ſcarlet above.
Inhabits *Calabria*. *Petagn. Inſ Calabr. p.* 34 *n.* 176.
Body black hairy: *thorax* with a ſcarlet band at the baſe: region of the tail fringed with white: *fore legs* black and fringed with white about the joints, the others with ſcarlet thighs and ſhanks and black tarſi.

Notata. Abdomen ovate brown with white tranſverſe curved lines.
Inhabits *Europe*. *Fn. Suec.* 2008.

Ruſipes. Abdomen brown: legs rufous.
Inhabits *Europe*, on nettles. *Fn. Suec.* 2009.

Nocturna. Abdomen black with 2 white dots and a white lunule at the baſe.
Inhabits *Europe*. *Fn. Suec.* 2010.

6-*punctata* Abdomen oblong with 3 pair of excavated dots.
Inhabits woods of *Europe*.

Paluſtris. Thorax and abdomen with a ſnowy line each ſide.
Inhabits reedy marſhes of *Germany*.
Tip of the *thorax* before the eyes ending in a white line.

* *Aquatica* Brown; abdomen ovate cinereous, the back brown with 4 impreſſed dots.
Clerk Aran. tab. 6. *fg.* 8. *Degeer, Inſ.* 7. *tab.* 19. *fig.* 5.
Inhabits *Europe*, in freſh water lakes, where it dives to the bottom in ſearch of its food within a globule of air formed by itſelf; and takes up it's winter quarters in a forſaken ſhell, the aperture of which it cloſes up with a web.
Jaws large ſtrong black with ſcarlet nails.

Obſcura. Abdomen ſubconic, duſky with a whitiſh dorſal line.
Inhabits *France*, in Woods: large.
Thorax downy with a white dorſal line and fore-margin each ſide: *mandibles* teſtaceous: *abdomen* with a few white dots beneath: *legs* duſky.

Scalaris.

Scalaris. Thorax teſtaceous: abdomen ſnowy on the back with an oblong indented ſnowy ſpot at the tip.
Inhabits woods of *France*, *Panz. Fn. Germ.* 2. *tab.* 2.
Thorax depreſſed: *abdomen* beneath variegated with brown and green, and black in the middle with 2 yellow lunules: *legs* varied with brown and green, thighs teſtaceous.

Triguttata. Yellowiſh; abdomen black with 3 white ſpots.
Inhabits *Alyace*; ſmall.
Abdomen with 3 ſpots in the middle which nearly form a band: *legs* yellow, the third pair very ſhort.

Scorpiformis Black; abdomen whitiſh with 2 black lines; 4 fore-legs very long.
Inhabits *Leipſic* in gardens: ſmall and retrograde.
Front a little reddiſh: *abdomen* ovate glabrous with 2 ſinuate abbreviated lines: 4 *fore-legs* black annulate with white, hind-ones very ſhort green.

* *Carnifex* Ferruginous; abdomen grey with a brown dorſal line.
Inhabits *England*; middle-ſized.
Head ferruginous with black mandibles: *thorax* ferruginous ſmooth glabrous, the margin a little yellowiſh: *abdomen* roundiſh beneath with a yellow ſpot each ſide at the baſe: *legs* pale.

Flaviſſima. Abdomen oblong rich yellow and ſmooth.
Inhabits *Egypt*. *Muſ. Lud. Ulr.* 428.
Thorax fulvous: *legs* glabrous.

Bimaculata Abdomen roundiſh, cheſnut with 2 white dots.
Inhabits *Europe*; leſs than a flea.
Abdomen a little depreſſed and unequal with 2 ſpots, each compoſed of 2 dots.

Truncorum. Black with white dots on the back: ſprings to a great diſtance on its prey.
Inhabits *Europe*, on walls and trunks of trees. *Fn. Suec.* 2018.

Rupeſtris. Abdomen with a black ſpot edged with red and white in the middle: ſprings on its prey.
Inhabits *Europe*, on old walls. *Fn. Suec.* 1019.

Vireſcens. Abdomen oblong, yellow-green with lateral white lines.
Inhablts *Europe*. *Jonſt. Inſ. tab.* 18. *fg.* 42.

Spinipes.

Spinipes. Pale with ſpinous legs.
2. Legs ſpinous with ferruginous joints.
Inhabits *Europe*. *Muſ. Leſk. p.* 85. *n.* 32. 34.

Opilionoides Grey with very long and extremely ſlender legs.
Inhabits *Germany* and *France*; ſpins a very lax irregular web, the threads croſſing each other, and is gregarious.

Osbeckii. Pale yellow; abdomen with impreſſed dots in pairs with an odd one: fore-legs longer.
Inhabits *Austria*. *Schranck. Inſ. Auſt. p.* 533. *n.* 1110.

Wilkii. Varied with black and grey: legs cinereous annulate with black, the hind-ones ſhorter.
Inhabits *Auſtria*. *Schranck. Inſ. Auſt. p.* 534. *n.* 1111.

Speciosa. Thorax grey with 2 brown ſpots: abdomen oval-oblong with tranſverſe black curves, beneath reticulate with black with 2 yellow bands.
Pallas Iter. 2. *p.* 732. *n.* 97.
Inhabits *Calabria* and *Siberia*, and is domeſticated in the houſes of the *Coſſacs*: a very beautiful ſpecies.
Legs yellowiſh annulate with black: the middle pair very ſhort, the other very long.

F. *Eyes placed* : :
.. ..

Clavipes. Abdomen oblong yellow dotted with white: all the ſhanks except the third pair, clavate and hairy.
Brown Jamaica. tab. 44. *fig.* 4. *Degeer. Inſ.* 7. *tab.* 39. *fig.* 1.
Inhabits *South America*, in trees and out-houſes: ſpins a ſtrong ſpreading web, and is a beautiful ſpecies.

**Saccata.* Abdomen ovate ruſty-brown.
Clerk. Aran. tab. 4. *fig.* 5. *Liſter Aran. fig.* 28.
Inhabits *Europe* in gardens, and carries its bag of eggs behind it.
Legs cloſe together unequal, livid annulate with brown.

Fumigata. Abdomen ovate brown with 2 white dots at the baſe.
Inhabits *Sweden*. *Clerk. Aran. tab.* 5. *fig.* 6.
Lives in Meadows, and watches before the neſts of larvæ, which it catches as they come out, one after another and ſucks out their vitals.

Fimbriata.

G. *Eyes placed* : :
....

Fimbriata. Black; abdomen oblong with a white line each ſide.
Clerk. Aran. tab. 5. *fig.* 9. *Degeer. Inſ.* 7. *tab.* 16, *fig.* 9, 10.
Inhabits *Europe*, in reedy marſhes.
Body fringed with hair: *legs* brown.

**Dorſalis.* Black; thorax compreſſed with a white dorſal line.
Inhabits *England:* ſmall.
Abdomen ovate, whitiſh at the baſe: *legs* livid.

Sanguinolenta. Black; abdomen red with a black dorſal line.
Inhabits *Europe*, and ſprings on its prey.
Abdomen ovate: 4 fore-ſhanks red.

Pupillata. Teſtaceous; abdomen brown on the back with ſubocellar fulvous ſpots.
Inhabits *China*; ſize of the laſt.
Head and *thorax* teſtaceous with 2 ſhort brown lines on the fore-part in which are the eyes: *abdomen* with a lateral teſtaceous line and fulvous ſpots on the back marked with a black pupil: *legs* paler.

**Scenica.* Black; abdomen ſubcylindrical with 3 ſemicircular white lines each ſide: ſprings on its prey.
Clerk Aran. tab. 5. *fig.* 13. *Bradl. Nat. tab.* 24. *fig.* 5.
Lifter Aran. fig. 31. *Degeer. Inſ.* 7. *tab.* 17. *fig.* 8, 9.
Inhabits *Europe*, on old walls and windows.
Body covered with ſilvery hair: *legs* ſhort hairy black and white.
Spins no web.

Fulvata. Black; hind-margin of the thorax fulvous: abdomen with 3 fulvous bands.
Inhabits *Cayenne*; ſize of the laſt.
Abdomen with 3 ſemicircular bands: *legs* teſtaceous with cinereous thighs.

Pubeſcens. Abdomen ovate brown with 4 cinereous ſpots, the hind-ones larger.
Inhabits *Leipſic*; middle-ſized.
Body pubeſcent brown variegated with grey: *feelers* hairy.

Cinerea. Cinereous; abdomen brown on the back with 8 cinereous dots.
Inhabits the ſhores of the *Baltic*.

Mandibles cinereous with black claws: 4 lower *eyes* very minute, the upper ones much larger: *legs* cinereous annulate with brown, the thighs immaculate.

Trilineata. Brown; thorax with a paler margin and lateral dorsal lines: abdomen ovate cinereous, beneath brown.
Inhabits *Naples*; large.
Upper-pair of *eyes* large rufous: *legs* cinereous, the shanks spotted with brown.

Tarantula. Abdomen with triangular black spots on the back: legs spotted with black.
Albin Aran. tab. 38. *Bradl. Nat, tab.* 24. *fig.* 10.
Bocc. Muſ. 1. *tab* 2. *Olear. Muſ. tab.* 12. *fig.* 4.
Inhabits the ſouthern parts of *Europe*, particularly in *Italy* and *Barbary*, in cool caverns, and is the inſect whoſe bite has been ſo long ſuppoſed to be curable by muſic only. It is in ſome degree poiſonous but probably never fatal.
Body greyiſh: 2 upper *eyes* larger and red: *abdomen* beneath black.

H. *Eyes placed* . . .:: .

Avicularia Thorax orbicular convex with a tranſverſe central excavation.
Natural. Miſcel. 1. *tab.* 12. *Merian. Surin, tab,* 18.
Roeſ. Inſ. 3. *tab.* 11. *Seba Muſ.* 1. *tab.* 69. *fig.* 2, 3.
Inhabits *South America*, among trees, where it preys upon the larger inſects and even ſmall birds, dropping into their nests and ſucking their blood and eggs: is of ſo enormous a ſize that its fangs are equal to the talons of a hawk, and its eyes are capable of being ſet in the manner of glaſſes and uſed as Microſcopes.
Body ferruginous-brown: *abdomen* oblong and emarginate at the tip: *legs* with brown rings.

I. *Eyes placed* ..: :..

Pulchra. Oval oblong; thorax villous white: abdomen and legs black with yellow bands.
Inhabits *Helvetia*. *Journ. de Phys.* 1787. *Nov. p.* 372.

K. *Eyes placed* : :
: :

Goeziana Black; abdomen ovate; front white: ſprings on its prey.
Schranck Inſ. Aust. p. 534. *n.* 1112.

Inhabits

Inhabits commonly in woods about *Vienna*.
Abdomen marked with 2 impreſſed dots.

L. *Eyes placed* : :
....

Truncata. Grey ferruginous ſlightly clouded: thorax globular and ſlightly heart-ſhaped: abdomen ſomething triangular and marked with an obſolete longitudinal croſs.
Pall. Spicil. Zool. 9. *p.* 48 *tab.* 1. *fig.* 16.
Inhabits *Germany*, on oak and other trees; larger than A ſcenica.
Abdomen with 4 impreſſed dots on the back: textorial *papillæ* 3.

M. *Eyes placed* ...
:...:

Conica. Abdomen ovate, obtuſely conic behind, varied with brown and whitiſh and black beneath.
Pall. Spic. Zool. 9. *p.* 48. *tab.* 1. *fig.* 16.
Inhabits woods of *Germany*, and ſpins a labarinthical web.
Thorax black ferruginous and nearly double behind: *legs* grey annulate with brown: *abdomen* with a whitiſh ſpot beneath reſembling a horſe-ſhoe: textorial *papillæ* 4.

N. *Eyes placed* :.....

Albifrons. Hairy; body ovate and variegated with black and cheſnut-brown.
Inhabits *Luſace*, *Lesk. It. p.* 19.

O. *Eyes* 6, *placed* ·:·

Taurus. Abdomen flat with 2 very long curved ſpines.
Inhabits *St. Domingo*.
Thorax ſmall brown: *abdomen* rounded, above flat with a compreſſed punctured margin and a ſmall ſpine each ſide in the middle, behind truncate with a curved ſharp ſpine each ſide 4 times as long as the body: *legs* teſtaceous.

Arcuata. Brown; abdomen with 6 ſpines, the middle-ones curved and 6 times as long as the body.
Inhabits *Eaſt India*; ſmall.
Thorax covered with cinereous hair: *abdomen* depreſſed with 3 marginal ſpines each ſide, the middle ones very long rough and hairy: *legs* paliſh.

Maculata. Thorax silky silvery: abdomen cylindrical: legs very long and black.
Inhabits *China*; large.
Head black: *thorax* heart-shaped: *abdomen* apparently brown with white streaks and dots.

Pilipes. Brown; abdomen cylindrical with silvery lines: legs very long and hairy.
Inhabits *East India*; large.
Thorax covered with gold down: *abdomen* with 2 dorsal silvery streaks: *legs* black, thighs subtestaceous.

Myopa. Greenish: abdomen red on the back with a few black dots, the sides yellowish.
Inhabits *Kiel.*
Mandibles tipt with black: *thorax* with 2 darker lines: *abdomen* ovate pubescent; textorial papillæ tipt with black: *legs* long pale greenish, the fore-shanks tipt with black.

Longipes. Black: abdomen cylindrical brown with 6 impressed dots: legs very long.
Inhabits *Australasia*; large.
Mandibles toothed: *feelers* ferruginous at the base and tipt with black: first pair of legs longer.

Rufipes. Ferruginous; abdomen ovate pale cinereous: legs rufous.
Inhabits *Morocco*: middle-sized.

**Senticulata* Abdomen greenish with black dots and a yellow line on the sides.
Degeer. Ins. 7. *tab.* 15. *fig.* 5. *Lister Aran. fig.* 24.
Inhabits *Europe*, in gardens and on walls.
Head thorax and *legs* pale ferruginous, the third pair of legs shorter: *abdomen* with 4 black impressed dots on the back and beneath these 4 pale spots; *tail* red.

Scopulorum. Abdomen brown with a pinnate white dorsal line.
Inhabits *Norway*, on rocks.
Head and *mandibles* black: *abdomen* ovate: *legs* testaceous with brown bands: *eyes* very close together.

Lusca. Pale; abdomen silvery with black branched lines.
Inhabits *Tranquebar.*
Head and *thorax* pale testaceous: *abdomen* oblong with a branched dorsal line and a larger trifid one at the sides: *legs* pale testaceous.

Parallela.

Parallela. Brown; sides of the thorax and abdomen white: mandibles projecting parallel.
Inhabits *American Islands*; small. *Fabr. App.* iv. *p.* 461.
Eyes distant and placed more in a circle: *mandibles* brown with black claws: *thorax* rounded flat brown with white sides: *abdomen* nearly conic flat brown with white sides: *legs* pale, the fore-ones longer.

Scrofa. Hairy, brown: abdomen semiorbicular: mandibles black exserted and hooked at the tip.
Inhabits *Chili*, under ground. *Molin. Hist. chil. p.* 188.
About the size of a pigeon's egg: *legs* long and thick.

Bicornis. Abdomen 2-horned.
Inhabits *Siberia*. *Lepech. It.* 1. *tab.* 16. *fig.* 13.
An uncertain and indistinct species.

Caspia. Thorax subglobular: abdomen oblong and varied with yellow and black bands.
Lepech. It. 1. *p.* 316. *tab.* 16. *fig.* 1.
Inhabits the Deserts of *Ural* and is regarded by the *Calmucs* as venemous.
Legs annulate with yellow and black: *thighs* ferruginous, the 2 fore-ones black.

Argentea. Thorax orbicular depressed white with 2 black fillets: abdomen ovate lobed silvery with 2 pair of dots in the middle and 4 rows behind.
Lepech. It. 1. *p.* 316. *tab.* 16. *fig.* 2.
Inhabits the deserts of *Ural*, and is accounted poisonous by the Calmucs: spins a perpendicular web.

P. *Number and position of the eyes unknown.*

Nobilis. Thorax orange with 6 black spots: abdomen yellow with 7 black spots.
Inhabits *Sumatra*. *Natural. Miscel* ix. *tab.* 336.
Head and *feelers* black: *thorax* orbicular with 6 black spots placed in a ring: *abdomen* oval bright yellow with 7 black spots placed 1, 2, 2, 2: *legs* yellow on the upper half and black on the lower.

Calceata. Hairy, grey: legs with 2 black spots at the tip above, beneath silky with a green gloss.
Inhabits *Guinea*; very large.

Feelers.

Feelers large hairy grey, beneath silky-brown with a green gloss, the last joint with a black spot above: *mandibles* black with red fringe within.

**Holosericea* Abdomen ovate-oblong silky livid-brown with 2 yellow tubercles beneath.
Inhabits *Europe*. *Lister Aran. fig.* 23.

Spinimobilis Abdomen roundish yellowish-brown with 4 rows of blackish dots: thighs with black moveable spines.
Inhabits *Surinam*; size of Avicularia. *Albin. Aran. fig.* 169.
Head ferruginous: *thorax* naked subovate ferruginous, broader behind and convex above.

Cruciata. Black with a yellow band at the base of the abdomen: breast deep red
Inhabits *Brasil*; large.
Abdomen with 10 yellowish spots beneath: *legs* black.

6-cuspidata Brown; back of the thorax 6-toothed with a lateral fulvous spot.
Inhabits the *Cape of good hope*; large.
Front with an elevated obtuse tubercle with 4 eyes placed in a square; behind this a line of 6 raised obtuse teeth, the 2 inner-ones more distant and apparently having eyes at the tip: *abdomen* thick roundish brown: *legs* brown, thighs beneath black: *shanks* compressed, beneath black with a white ring.

Hirtipes. Black: feelers and legs hairy and pale testaceous.
Inhabits *Cayenne*: small.

Tribulus. Head 3-toothed on the fore-part: abdomen covered with numerous spines.
Inhabits the *Cape of good hope*; middle-sized.
Body grey and rough with raised dots: *head* with 3 ferruginous teeth before: *abdomen* ovate every where beset with long erect spines, some of the fore-ones bifid.

Elegans. Black with 2 white curves on the fore-part of the thorax, and a white dorsal line on the abdomen.
Inhabits *America*; small. *Legs* testaceous.

Ocellata. Pale; abdomen clouded, with a black ring: thighs with 3 doubled ocellate spots.

Inhabits

Inhabits *China*; size of A. Tarantula.
Thorax and region of the *eyes* with a double black spot.

Alba. White; abdomen with 5 impressed dots, 2-horned and depressed at the base and globular at the tip.
Lepech. It. 1. *p.* 245. *tab.* 20. *fig.* 1.
Inhabits *Siberia*, under the bark of trees.

118. SCORPIO. *Legs* 8, besides 2 chelæ or hands seated on the fore-part of the head: *eyes* 8, 3 placed on each side of the thorax and 2 on the back: *feelers* 2, projecting cheliform: *lip* bifid; *antennae* 0: *tail* long jointed and terminated by a sharp crooked sting: on the underside, between the breast and abdomen are 2 instruments resembling a *comb*. *Scorpion.*

These are all armed with a slightly pungent sting: but none of them are dangerous, except in very hot climates: they prey upon worms, spiders, flies &c. and even on one another: *larva* and *pupa* 8-footed nimble and resembling the perfect insect.

Australasiæ. Combs with 6 teeth: hands smooth.
Inhabits the *Pacific Islands*; small.
Body depressed, above brown, the last joint of the tail paler: beneath and legs paler.

Carpathicus Combs with 6 teeth: hands slightly heart-shaped and glabrous.
Inhabits the *Carpathin* and *Helvetic Mountains*.
Probably a variety of the last. *Bern. Magaz.* 1. *n.* 7.

Maurus. Combs with 8 teeth: hands slightly heart-shaped and punctured.
Inhabits *Africa*. *Degeer. Inf.* 7. *tab.* 40. *fig.* 1.

Afer. Combs with 13 teeth: hands slightly heart-shaped and hairy.
Swammerd Bibl. Nat. tab. 3. *fig.* 3. *Barbut. tab.* 19. *Gen.* ix.
Seba Muf. 1. *tab.* 70. *fig.* 4. *Raf. Inf.* 3 *tab.* 65.
Inhabits *India* and *Persia*, and is very venemous.

Body.

Body glossy brownish black: incisures of the *abdomen* yellow: first joint of the *tail* serrate.

Americanus Combs with 14 teeth: hands subciliate with filiform claws.
Degeer. Inf. 7. *tab.* 41. *fig.* 9. 20. *Roef. Inf.* 3. *tab.* 66. *fig.* 5.
Inhabits *South American*. *Body* spotted with brown.

Chilensis. Combs with 16 teeth: hands subangular.
Inhabits *Chili*. *Molin. Hist. Chil. p.* 189. *n.* 10.

Europaeus. Combs with 18 teeth; hands angular.
Degeer. Inf. 7. *tab.* 41. *fig.* 5. *Schaff. Elem. tab.* 113.
Roef. Inf. 3. *tab.* 66. *fig.* 1. *Sulz Inf. tab.* 23. *fig.* 150.
Inhabits the Southern parts of *Europe*, and is said to be viviparous.
Body brown: *hands* long with filiform claws.

Hottentotta Combs with 22 teeth: hands smooth: tail rough.
Inhabits *Sierra Leona*; size of the last.
Body brown and covered with small raised dots: *tail* with rough raised lines: *legs* paler.

Grisеus. Combs with 25 teeth: hands subciliate and ovate.
Inhabits *American Islands*: small.
Body pale testaceous: *tail* as long as the body.

Australis Combs with 32 teeth: hands smooth.
Inhabits *Africa*. *Degeer. Inf.* 7. *tab.* 41. *fig.* 5.
Body brown: *legs* rufous: *hands* long rufous with filiform claws.

119. CANCER. *Legs*, 8 (rarely 6 or 0) besides 5 chelate hands or claws furnished with a moveable thumb: *feelers* 6, unequal: *eyes* 2, distant elongated moveable, and generally placed on pedunclés: *mandibles* horny thick: *lip* triple: *tail* articulated and unarmed.

These mostly inhabit waters, and feed on insects worms dead fish and carcasses: they every year cast off the old shell, which is performed with much difficulty and pain.

A, *Antennae.*

A. *Antennæ 4 filiform, all bifid at the laſt joint ; tail ſhort.* Crabs.

a. *Thorax ſmooth, the ſides very entire.*

Raninus. Thorax oblong-obovate, the fore-part truncate and toothed.
Inhabits *Indian Seas. Rumph. Muſ. tab.* 7. *fig.* T. V.

Grapſus. Front deflected and 4-toothed before the tip : body variegated.
Inhabits *American Iſlands. Herbſt. Cancr.* 2. *tab.* 3. *f.* 33. 34. *Cateſby Carol.* 2. *tab.* 36. *fig.* 1. *Seba. Muſ.* 3. *tab.* 18. *f.* 5. 6.
Body above variegated with white and rufous, beneath white : *thorax* retuſe before and depreſſed with 4 indentations before the depreſſion, the indentations finely toothed : *thighs* compreſſed and ſpinous each ſide at the tip : *hands* minute, the next joint rough, arms with an elevated line or two.

Mutus. Thorax tranſverſely cheſnut-brown on the fore-margin.
Inhabits the *Mediterranean*:
Body truncate behind : *hands* ſmooth : *arms* denticulate beneath.

Cordatus. Thorax waved : hands hearts-ſhaped beneath.
Inhabits *Surinam. Herbſt. Cancr. tab.* 6. *fig.* 38.
Seba. Muſ. 3. *tab.* 20. *fig.* 4.
Hands heart-ſhaped beneath.

Quadratus Thorax ſquare with crenate ſides : arms rough.
Inhabits *Jamaica* : ſize of C. ruricola.
Front inflected entire : *eyes* approximate pedunculate, the lower eyelid crenate ; *arms* toothed each ſide : *legs* hairy.

Curſor. Thorax ſquare crenate : eyes projecting and terminating in a ſpine.
Herbſt. Canc. 1. *tab.* 1. *fig.* 8, 9. *Pall. Sp. Zool.* 9. *tab.* 5. *f.* 7.
Inhabits the *Mediterranean* and *Indian* Seas ; about ſunſet comes on ſhore, and wanders about the ſands with great velocity.
2. Thorax heart-ſhaped and marked with an impreſſed H.
Cancer Uca. Linn. Syſt. Nat. ii. 1041. 13.

Ruricola. Firſt joint of the legs ſpinous, ſecond and third with tufts of hairs.
Cateſby Carol. 2. *tab.* 32. *Sloan. Jamaic.* 1. *tab.* 2.
Herbſt. Canc. 2. *tab.* 3. *fig.* 36. and *tab.* 4. *fig.* 37.

Inhabits *South America*, in mountainous woods near the sea. It lives chiefly on land, in holes and crevices which it digs for itself; and migrates annually in vaſt numbers to the ſea, to waſh off its ſpawn. After this it returns again to the mountains, and provides itſelf with burrows, in which it ſecretes itſelf by day, going out only at night to feed. When attempted to be taken, will ſeize whatever is preſented to it and throw off the claws, which continue to ſqueeze with great violence for ſometime afterwards; theſe are renewed with its coat the enſuing ſeaſon. It is very fond of the berries of the Mancinella, and has on that account, been ſuppoſed to be ſometimes poiſonous. Varies it its colour, but is generally of a blackiſh-violet.

The younger ones have 3 rows of ſpines on the 3 laſt joints of the legs, which in the older ones are converted into tufts of black hairs.

**Piſum.* Thorax orbicular obtuſe: tail as large as the body.
Brit. Zool. iv. *tab.* 1. *fig.* 1. *Herbſt. Canc.* 2. *tab.* 2. *fig.* 21.
Found in Muſſels: about the ſize of a pea.
Tail very obtuſe: *legs* unarmed ſmooth: *hands* oblong.

Globoſus. Thorax ſlightly crenate; tail with 2 tubercles at the baſe: arms rough.
Inhabits the ſhores of *Malabar*; ſmall.
Body ſubglobular: *hands* filiform.

Craniolaris Thorax ovate glabrous, the fore-part projecting and 3-toothed: hands 2-edged and ſmooth.
Herbſt. Canc. 2. *tab.* 2. *fig.* 17. *Seba Muſ.* 3. *t.* 19. *f.* 4. 10.
Inhabits the ſhores of *Malabar*, where it is often found petrified.

Porcellanus Thorax ovate glabrous, obtuſe on the fore-part: arms granulate.
Inhabits *Tranquebar*. *Herbſt. Canc. p.* 92. *tab.* 2. *fig.* 18.

Exciſus. Thorax orbicular: hands incurved and cut at the baſe.
Inhabits the *Southern Ocean*; minute.
Thorax rounded ſoft whitiſh: *eyes* projecting obliquely truncate at the tip: *tail* inflected thin linear: *hands* projecting longer than the body, the arms triangular with a brown ſpot at the baſe: *thighs* compreſſed with a brown ſpot each ſide at the baſe.

Sagittatus. Thorax ovate: proboſcis very long and ſerrate each ſide.

Inhabits

Inhabits *Guadeloupe*; ſmall.
Behind the eyes each ſide is a ſharp ſpine: *legs* in one ſex moderate, varied with rufous and white, and all of them chelate: in the other ſex 6 times as long, ſimple and filiform with cylindrical hands and equal fingers.

Granarius Thorax ovate: front cuſpidate: eyes cylindrical.
Herbſt. Canc. 2. *tab.* 2. *fig.* 18. *Slabb. Micr. tab.* 18. *fig.* 1.
Inhabits *Europe*, and is harly larger than a grain of wheat.

**Minutus.* Thorax nearly ſquare with ſharpiſh edges: legs compreſſed.
Brit. Zool. iv. *tab.* 1. *fig.* 2. *Herbſt. Canc.* 2. *tab.* 2. *fig.* 32.
Sloan Jam. 2. *tab.* 255. *fig.* 1. *Baſter.* 2. *tab.* 4. *fig.* 12.
Inhabits almoſt every ſea.

Puſillus. Thorax ſquare; tarſi 1-toothed.
Inhabits the *Northern Sea: Herbſt. Canc.* 2. 112. 31.
Extremely ſmall depreſſed and pale.

Pinnotheres. Glabrous; thorax flattened at the ſides before: tail carinate with tubercles in the middle.
Inhabits *Aſia. Jonſt. Exſang. tab.* 20 *fig.* 3.
Found in the ſhells of *Pinnae*, the inhabitants of which it is ſaid to forewarn of the approach of danger.

Pinnophylax. Thorax orbicular unequal ciliate: 4 legs placed on the back.
Herbſt. Cancr. ii. *p.* 104. *tab.* 2. *fig.* 27.
Inhabits *America*, within the Chama Lazarus which is ſaid to forewarn of the approach of the Cuttle-fiſh.

Orbiculus. Thorax orbicular flat; proboſcis tricuſpidate.
Inhabits *New Zealana. Herbſt. Canc.* 2. *tab.* 2. *fig.* 23.
Leſs than C. longicornis. *Tail* conic inflected: *legs* ſmooth.

Chelatus Thorax ovate and leſs than the hands: proboſcis ſimple obtuſe: antennæ very long.
Inhabits *New Zealand*; ſize of the next.
Arms large projecting 3-toothed at the tip: *hands* large ovate ſmooth with incurved fingers: *antennae* twice as long as the body: *hind-legs* filiform, the thighs grooved.

**Longicornis.* Thorax orbicular, leſs than the hands: proboſcis tricuſpidate: antennæ very long.

Brit. Zool. iv. *tab.* 1. *fig.* 3. *Herbst, Canc.* ii. *tab.* 2. *fig.* 23.
Inhabits *European* and *Southern* Seas: size of the last.

**Platycheles* Front 2-toothed: hands very large depressed and greatly fringed on the out-side: legs only 6.
Inhabits *British Coats. Brit. Zool.* iv. *tab.* 6. *fig.* 12.
Body not much larger than a horse-bean and nearly round: *antennæ* very long: *feelers* fringed within: *legs* hairy.

Hexapus Thorax orbicular: front toothed; antennæ longer than the body.
Inhabits *Europe. Herbst. Canc.* ii. *tab.* 2. *fig.* 22.

Philagrus. Thorax convex and 15-toothed behind.
Inhabits *Asia. Mus. Lud. Ulr.* 462.

Cassideus. Head shielded emarginate: arms with filiform appendages.
Inhabits *India. Forst. Naturf.* 17. *p.* 206. *tab.* 5.
Body subdiaphanous mixed sulphur orange and green.

Talicuna. Thorax orbicular: hands muricate.
Inhabits *Chili. Molin. Hist. Chil. p.* 180. 181. *n.* 15.
About 4 inches broad; brown and grows red in boiling: the flesh is very delicious.

b. *Thorax smooth, cut at the sides.*

Corallinus. Thorax obovate 1-toothed: front 3-lobed.
Inhabits *India. Rumph. Mus. tab.* 8. *fig.* 5.
Herbst. Canc. ii. *tab.* 5. *fig.* 40. *Seba. Mus.* 3. *tab.* 19. *fig.* 2. 3.
Shells gibbous and generally with a brown margin.

Floridus. Thorax unequal spotted, the margin obtusely serrate: hands crested.
Inhabits *India. Herbst. Canc.* ii. *tab.* 3. *fig.* 39.
Knorr. Delic. tab. 4 *fig.* 3. *Seb. Mus.* 3. *tab.* 19. *fig.* 18.

Vocans. Thorax smooth 1-toothed: one of the hands much longer than the other: eyes elongated.
Herbst. Canc. i. *tab.* 1 *fig.* 10. *Rumph. Mus. tab.* 10. *f.* 1.
Seba. Mus. 3. *tab.* 18. *fig.* 8. *Piso, Brasil tab.* 78.
Inhabits *Jamaica. Degeer. Ins.* 7. *tab.* 26. *fig.* 12.
Found under stones, and utters a kind of cry when it is caught.

Shell

Shell truncate before and hollowed on each side for the reception of the eyes, the margins slightly crenate: is sometimes smooth sometimes rough: one of the *hands* larger with long granulate fingers.

Planatus Thorax orbicular flat. 2-toothed at the sides and 3-toothed at the front.
Inhabits *Terra del fuego*; minute.
Tail large inflected orbicular: *legs* smooth: *colour* brown with ferruginous legs.

Apantora Thorax ovate denticulate at the sides: tail triangular.
Inhabits *Chili*. *Milin. Hist. Chil. p.* 181. *n.* 17.
Legs hairy: *tail* rather long.

Bispinosus Thorax smooth and 2-spined each side: front 4-toothed: hands muricate and toothed.
Inhabits *India*. *Herbst. Cancr.* ii. *tab.* 6. *fig.* 45.
Colour palish: margin of the *thorax* granulate.

Rhomboides Thorax smooth, the sides 1-toothed on the fore-part: front truncate.
Inhabits *Mediterranean*. *Herbst. Cancr.* i. *tab.* 1. *fig.* 12.

Maculatus Thorax with round red spots and 1-toothed at the sides: front 3-lobed.
Inhabits *Asia*. *Seba. Mus.* 3. *tab* 19. *fig.* 12.
Petiv. Amboin. tab. 1. *fig.* 8. *Rumph. Mus. tab.* 10. *f.* 1.

Sanguineus Thorax obsoletely 2-toothed each side; front 4-lobed; hands black.
Inhabits the *Ocean*. *Fingers* toothed within.

Pelagicus Thorax 1-spined each side and 8-toothed before; front 6-tooth: hands with many prismatic angles.
Found among sea-weed. *Degeer Inf.* 7 *tab.* 26. *f.* 8.
Arms spinous: *hind-legs* dilated foliaceous.
2. Back with 3 red spots and hands with 2.
Herbst. Cancr. ii. *tab.* 8. *fig.* 56. 57.

Defensor Thorax spinous each side and 8-toothed before: front 4-toothed.
Inhabits the *Southern Ocean*; size of the last.
Arms spinous: *hands* angular: last joint of the *hind-legs* ovate ciliate and pellucid.

Hastatus

Haſtatus. Thorax rugged and 8-toothed each ſide: front 4-toothed, the teeth equal.
Inhabits *American Iſlands*; ſize of the laſt.
Body narrowed behind: *arms* ſpinous: *hands* angular.

Armiger. Thorax nearly ſmooth and 8-toothed each ſide: front 5-lobed: arms toothed each ſide.
Inhabits the *Southern Ocean*.
Hands angular with numerous teeth on the fingers.

Gladiator. Thorax 8-toothed at the ſides, the hind-tooth very large: hands angular.
Inhabits *New Holland*; minute.

Forceps. Thorax 1-ſpined each ſide and 8-toothed before: fingers long and filiform.
Inhabits the *Ocean*; leſs than C. haſtatus.
Thorax with a long ſharp ſpine behind; *front* toothed; *arms* long and toothed within, the fingers long filiform and toothed within: *hind legs* ovate.

Victor. Thorax crenate at the ſides with a very long tooth in the middle: front 3-lobed.
Herbſt. Canc. tab. 6. *fig.* 45. *Seb. Muſ.* 3. *tab.* 20. *fig.* 10, 11.
Thorax roundiſh depreſſed, the middle lobe on the front ſlightly emarginate, the ſides crenate on the fore part with a very long tooth in the middle and unarmed behind: *colour* pale with ferruginous dots and lines; *arms* ſhort: *hands* toothed: all the *legs* formed for ſwimming.

**Angulatus* Thorax 2-toothed each ſide: hands very long.
Herbſt Can. i. *tab.* 1. *fig.* 13. *Brit. Zool.* iv. *tab.* 5. *fig.* 10.
Inhabits the *Britiſh Coaſts*, taken at *Weymouth*.
Thorax angular: *hands* thrice as long as the body.

Marmoratus. Thorax ſlightly plaited and 3-toothed each ſide: front crenate emarginate: arms dilated and toothed at the tip.
Inhabits——middle-ſized.
Thorax nearly ſquare and plaited at the ſides: *colour* variegated.

Variegatus. Thorax flat and 3-toothed each ſide: front very entire: legs variegated.
Inhabits *American Iſlands*: ſmall.
Body above depreſſed ferruginous, with 3 teeth at the upper end: *front* acute between the eyes: *legs* compreſſed, thighs 1-toothed each ſide at the tip.

Naiva.

Xaiva. Thorax 3-toothed at the ſides: front truncate.
Inhabits *Chili*. *Molin. Hiſt. Chil. p.* 181. *n.* 17.
Body hemiſphærical, about 2 inches and a half broad.

* Mæas. Thorax ſmoothiſh with 5 ſerrate teeth each ſide: front 3-lobed: joint next the hands 1-toothed.
Brit. Zool. iv. *tab.* 2. *fig.* 5. *Baſter.* 2. *tab.* 2.
Inhabits *Europe* and *Aſia*: lurks under ſea weed or burrows under the ſand: colour dirty-green and becomes red when boiled.

5-dentatus. Thorax ſmoothiſh with 5 teeth each ſide: front 4-toothed: joints next the hands ſlightly toothed: tail inflected narrow.
Inhabits——*Muſ. Leſk. p.* 83. *n.* 12.

Cimicoides. Thorax orbicular 5-toothed each ſide and truncate before: tail inflected, the third joint longer and pointed.
Inhabits——*Muſ. Lesk. p.* 83. *n.* 13. b. ſmall.

* Pygmæus. Thorax ſmoothiſh with 5 teeth each ſide: front very entire: middle joints of the hands 1-toothed.
Inhabits the *Britiſh Coaſts*; ſmall.
Hands ſmooth, the fangs unarmed.

* Latipes. Thorax 5-toothed each ſide: front 3-toothed: middle joints of the hands 1-ſpined: ends of the hind-legs broad and ovate.
Inhabits *Britiſh Coaſts*. *Brit. Zool.* iv. *tab.* 1. *fig.* 4.
Shell ſubcordate: *thorax* deeply notched before for the reception of the eyes.

Parvulus. Thorax 3-toothed each ſide and marked with impreſſed lines above: front entire.
Inhabits *American Iſlands*; minute.
Legs ſhort ſmooth, fingers tipt with black.

* Depurator Thorax 5-toothed each ſide: hands compreſſed at the tip: hind-legs ovate.
Brit. Zool. iv. *tab.* 2. *fig.* 6. *Seba. Muſ.* 3. *tab.* 18. *fig.* 9.
Inhabits *European Seas*, and feeds on dead fiſh.
Body ſubcordate: *front* indented: *hands* angular, the next joint 1-ſpined: *hind-legs* fringed. A variety is found with a tuberculate ſurface.

Dromia. Hairy; thorax toothed each side: hind-legs with double claws.
Rumph. Muſ. tab. 11. *fig.* 1. *Seb. Muſ.* 3. *tab.* 18. *fig.* 1—3.
Inhabits *East Indian Seas*, and is poiſonous.

6-*dentatus.* Thorax 6-toothed each ſide: front 8-toothed: hands ſpinous.
Herbſt. Canc. tab. 7. *fig.* 52. *tab.* 8. *fig.* 53.
Inhabits *East India*; reſembles the next.
Thorax flat with an impreſſed wrinkle or two; *hands* ſpinous with red fingers.

Feriatus. Thorax 5-toothed each ſide: hands many angled and ovate, the ſecond joint 1-toothed.
Inhabits the *Indian Ocean.*

Lanciſer. Thorax ſubtuberculate 1-ſpined each ſide and 4-toothed before; fore-legs lineate, hind-ones ovate.
Inhabits the *Pacific Ocean*: middle-ſized.
Thorax ovate, with 6 tubercles on the back: *front* 3-lobed: *hands* with ſpinous protuberances, the fingers toothed within: thighs of the firſt 6 *legs* toothed on the inner margin, the laſt joint but one with a ſharp long ſpine before the tip, the laſt lanceolate and acute; thighs of the hind-legs ſmooth, the laſt joint bue one acute with a rounded obtuſe ciliate lamina: *colour* dull ferruginous.

* *Pagurus.* Thorax with 9 obtuſe plaits each ſide: hands tipt with black.
Brit. Zool. iv. *tab.* 3. *fig.* 7. *Bradl. Nat. tab.* 3. *fig.* 4.
Inhabits the rocky coaſts of *Europe* and *India* and is the moſt in repute for its food.
Front 5-toothed: *hind-legs* ſubulate.

Fornicatus. Thorax unequal, the hind-angles dilated and crenate: proboſcis depreſſed acute: hands triangular, the angles toothed.
Inhabits *India*: ſmall. *Herbſt. Caner.* 6. *tab.* 13. *fig.* 79, 80.
Shells fleſh-colour with 4 tubercles and very much dilated at the ſides: *proboſcis* crenate at the ſides: *arms* compreſſed. one of them toothed at the margin, the other dilated at the tip: *legs* ciliate.

11-*dentatus* Thorax nearly ſmooth with 11 crenulate teeth each ſide: proboſcis 3-toothed: fingers tipt with black.
Inhabits *America*. *Herbſt Canc.* 5. *tab.* 10. *fig.* 60.
Thorax ſubvillous unequal with 11 ſerrate teeth each ſide: *legs* hairy: *hands* ſubſpinous.

Granulatus.

Granulatus. Thorax nearly ſmooth and crenate, the hind-margin dilated and 5 toothed: hands creſted.
Inhabits the *Mediterranean. Cateſby Carol.* ii. *tab.* 36.
2. Hind-margin 6-toothed. *Herbſt. Canc. fig.* 7.

Tuberculatus. Thorax tuberculate and many-toothed, the hind-angles dilated with crenate teeth: hands toothed.
Inhabits the *Pacific Ocean*; reſembles the laſt.
Thorax gibbous with many tubercles and 2 impreſſed lines: *proboſcis* ſhort obtuſe and ſlightly reflected at the margins: *legs* ſimple, the fingers ſtriate and tipt with red; ſecond joint of the hands tuberculate and acute: *hands* tuberculate.

Calappa. Thorax crenulate, the hind-angles dilated and very entire: hands creſted.
Inhabits *America. Herbſt. Cancr* 6. *tab* 12. *fig.* 73, 74.
Seba. Muſ. 3. *tab.* 20. *fig.* 7, 8 *Rumph Muſ. t.* 11. *f.* 2, 3.
Reſembles the laſt but is twice as large.

Spinifrons. Thorax 5-toothed each ſide, the ſecond and third tooth bifid: front and hands many-ſpined.
Inhabits——*Herbſt. Cancr. tab.* 9. *fig.* 58.
Proboſcis bifid: *fingers* tipt with black: all the *legs* furniſhed with claws.

Æneus. Thorax very rugged obtuſe and 4-lobed each ſide.
Inhabits *India. Seba. Muſ.* 3. *tab.* 19. *fig.* 17.
Legs compreſſed, the fingers hairy brown with ferruginous claws.

Depreſſus. Thorax nearly ſmooth and 4-toothed each ſide: thighs 1-toothed, claws ſerrate beneath.
Inhabits *Jamaica. Herbſt. Cancr.* 2. *tab.* 3. *fig.* 35.
Small, depreſſed, varied with grey and rufous: *lip* doubled and dotted with black: *front* 4-cleft: *thighs* with a black ſpot in the middle: *hands* ſmall.

Ochtodes. Thorax unequal, obtuſely toothed each ſide: proboſcis bifid: hands warty.
Inhabits *India. Herbſt Canc.* 5. *tab* 8. *fig.* 54.
Thorax with 4 or 5 ſhort obtuſe teeth each ſide: *arms* ſhort tuberculate: all the *legs* furniſhed with claws.

Lactatus. Thorax with 4 ſerrate lobes each ſide: hands ovate ſmooth.
Inhabits——*Herbſt. Cancr.* 2. *p.* 116.

c. *Thorax hairy or ſpinous on the back.*

Ægagrophila. Very hairy; thorax globular unarmed: fingers naked and toothed within.
Inhabits the *Southern Ocean*; ſmall.
Body covered over with thick long grey-brown hairs except the fingers: firſt pair of *antennæ* nearly as long as the body and hairy: *front* with 2 ſhort teeth: *tail* gibbous inflected hairy: all the *legs* armed with a ſharp naked claw, the laſt reflected.

Cylindrus. Thorax with 2 grooves, the ſides dilated cylindrical and ſpinous at the tip.
Inhabits *Tranquebar*. *Herbſt Canc.* 2. *tab.* 2. *fig.* 29—31.
Small. *Front* obtuſe and grooved in the middle: *thorax* with 2 large grooves and a tranſverſe one on the fore-part, all hairy within: ſides of the *thorax* whitiſh with red dots, rough and armed at the tip with a ſtrong ſharp ſpine: *tail* whitiſh rough with 2 longitudinal grooves in the middle: *legs* and arms very thin.

Chabrus. Thorax hairy ſuborbicular unarmed: hands ovate muricate.
Inhabits the *Indian Ocean*.

Lanatus. Thorax hairy rugged and toothed each ſide: proboſcis 2-toothed.
Inhabits the *Mediterranean*. *Planc. Conch.* 36. *tab.* 5. *fig.* 1.
2. Cancer Facchino. *Herbſt. Canc. tab.* 11. *fig.* 68.

Majacarenius. Thorax nearly ſmooth ovate unarmed; proboſcis bifid, the lobes 2-toothed.
Inhabits the *Mediterranean*. *Herbst. Canc. tab.* 11. *fig.* 69.
Legs rounded, all of them furniſhed with claws.

Naſutus. Thorax covered with prickles: proboſcis bifid, with 2 teeth above and one beneath.
Inhabits *Norway*; about the ſize of a pea.
Eyes pedunculate black: *thorax legs* and *arms* covered with ſharp prickles: *hands* ovate ſpinous.

Setoſus. Hiſpid; thorax obcordate tuberculate: proboſcis bifid inflected.
Inhabits *Chili*. *Molin. Hist. Chil. p.* 18. *n.* 18.

Coronatus. Thorax obovate with a dorſal crenate apophyſis.
Inhabits *Chili*. *Molin. Hist. Chil. p.* 182, *n.* 20.
Shell glabrous, about 4 inches wide.

Santolea.

Santolla. Thorax prickly arched and ſubcoriaceous: hands covered with a pellicle.
Inhabits *Chili*. *Molin. Hiſt. Chil. p.* 182. *n.* 19.

Naſua. Thorax ovate, covered with long faſciculate hairs: hands ſmooth.
Inhabits the *South Sea*. *Herbſt. Cancr.* 7. *tab.* 14, *fig.* 86.
Firſt pair of *antennae* long, the joints hairy at the tip: *proboſcis* bifid, the diviſions acute and hairy: *thorax* with 7—8 larger teeth on the fore-margin: *arms* toothed on the dorſal margin: *hands* ſmooth, the thumb 1-toothed, the next joint grooved, the margin toothed: *tail* broad and nearly orbicular.

Hircus. Thorax wooly tuberculate: proboſcis bifid: hands ſmooth.
Inhabits *Jamaica*; not half as large as C. Aranens.
Fingers tipt with white: *legs* hairy with curved white claws.

**Araneus.* Thorax ovate hairy tuberculate: proboſcis bifid: hands ovate.
Inhabits *Europe*. *Brit. Zool.* iv. *tab.* 9. *fig.* 16.
Hands long, oblong-oval: *legs* ſlender long.

Opilio. Thorax prickly, the hind-margin 3-toothed: hands nearly ſmooth.
Inhabits the *Mediterranean*: ſize of the laſt.
Proboſcis ſhort bifid: *thorax* tuberculate and prickly: *legs* ſmooth, thighs 3-toothed at the tip: *arms* prickly: *hands* a little tuberculate on the back.

Condylatus. Thorax ovate prickly, with 3 erect ſpines above the tail: hands muricate.
Inhabits the *Mediterranean*. *Herbſt. Canc.* 7. *tab.* 92.
Size of C. araneus. *Thorax* unequal many-ſpined; the dorſal line behind with 3 large tubercles, the firſt granulate, the ſecond 2-ſpined, the third leſs and 3-ſpined: *thighs* armed with a ſpine before the tip.

Quinquespinosus. Thorax hairy ovate and 4-ſpined each ſide: proboſcis bifid: hands ovate.
Inhabits *Eaſt India*. *Herbſt. Cancr. fig.* 74.

Muricatus. Thorax hairy unequal with a dorſal line and 2 dorſal ſpines each ſide, 4 marginal ones: proboſcis bifid.
Inhabits *Eaſt India*. *Herbſt. Cancr. fig.* 75.

Thorax tuberculate with a ſpinous dorſal line and 2 erect ſpines each ſide; the margin is alſo 4-ſpined: *legs* unarmed.

Roſtratus. Thorax pubeſcent obcordate with 2 erect ſpines on the back: hands oblong compreſſed.
Inhabits *Europe*. *Herbſt. Cancr.* 7. *tab.* 15. *fig.* 90.

**Hirtellus.* Thorax hairy and 5-toothed each ſide: hands muricate without.
Inhabits *Europe*. *Brit. Zool.* iv. *tab.* 6. *fig.* 11.
Body ſmall reddiſh: *legs* ſubulate.

**Velutinus.* Thorax velvety 5-toothed at the ſides: hands granulate, with ſmall ſpines round the top of the ſecond joint: ends of the hind-legs broadly ovate.
Inhabits *Angleſea*. *Brit. Zool.* iv. *tab.* 4. *fig.* 8.
Thorax ſubangular, covered with fine velvety down: *front* 3-lobed: *legs* velvety and fringed with fine hair.

**Corrugatus.* Thorax wrinkled, with 5 ſerrate teeth at the ſides: 2 firſt joints of the arms with a ſtrong ſpine: ends of the hind-legs ovate.
Inhabits *Scotland*. *Brit. Zool.* iv. *tab.* 5. *fig.* 9.

Cuphæus. Thorax villous ovate, obtuſe before and 3-toothed behind.
Inhabits *Aſia*. *Rumph. Muſ. tab.* 10. *fig.* D?

Incoſus. Thorax villous and 3-toothed each ſide: proboſcis 2-toothed and 1-toothed at the ſides.
Inhabits the *Mediterranean*. *Herbſt. Can.* 7. *p.* 213. *n.* 107.
About the ſize of an Acorn. *Thorax* obovate and covered with ſoft incurved down: *claws* of the legs ſubulate and toothed within: *hands* ſmooth linear.

Tribulus. Thorax with 8 ſpines: legs filiform: proboſcis bifid.
Inhabits the *Mediterranean*. *Herbſt. Canc. n.* 123.
Thorax leech-ſhaped with 4 tubercles: *legs* unarmed.

Criſtatus. Thorax prickly: proboſcis projecting bifid creſted: legs prickly.
Inhabits the *Ocean*. *Rumph. Muſ. tab.* 8. *fig.* 1,?

Erinaceus. Thorax ovate and very ſpinous, the marginal ſpines longer and toothed: arms prickly: hands filiform.
Inhabits the *Indian Ocean*; ſmall.
Proboſcis bifid: *legs* ſimple muricate.

Barbatus.

Barbatus. Thorax ſquare hairy and very ſpinous on the fore-part: antennæ longer than the body.
In the *Bay of Naples*: large.
Feelers ciliate: firſt joint of the *fore-antennae* 1-ſpined at the tip: *eyes* on a long cylindrical petiole: *proboſcis* bifid: *tail* ovate and pointed at the tip: *hands* longer than the body, the arms hairy with 3 lines of ſtrong rufous ſpines.

Superciliaſus. Thorax prickly, the ocular ſpines with 3 branches: hands round.
Herbſt. Cancr. fig. 81. *Seba. Muſ.* 3, *tab.* 18. *fig.* 11.
Inhabits *India*. Eye-brows dilated.

Punctatus. Thorax ovate crenate and toothed behind.
Brown Jamaic. tab. 42. *fig.* 3. *Herbst. Canc. t.* 2. *f.* 14, 15.
Thorax with 3 inciſures on the front: *hands* long: *body* dotted all over.

Nucleus. Thorax orbicular and 2-ſpined behind: arms granulate.
Herost, Canc. 2. *tab.* 2. *fig.* 14. *Sulz. Inſ. t.* 31. *f.* 3.
Inhabits the *Mediterranean*. *Proboſcis* 2-toothed.

Cornutus. Thorax prickly: proboſcis with 2 horned-ſhaped bearded ſpines: hands rounded.
Inhabits the *Mediterranean*: ſize of C. araneus.
Shell rough unequal with a prickly dorſal line, above the tail are 2 larger prickly ones, the margin armed with 8 ſtrong ſpines: *hands* ſmooth: *legs* hairy.

5-ſpinoſus. Thorax with a very long ſharp ſpine each ſide and 5-ſpined behind: hands filiform.
Inhabits the *Indian Ocean*; ſmall.
Thorax glabrous and ſmooth above: *proboſcis* emarginate.

Dodecos. Thorax prickly projecting and aſcending: proboſcis acute bifid: legs very long.
Inhabits the *Mediterranean*. *Hands* ſpinous.

Scorpio. Thorax pubeſcent with 4 erect ſpines: fore-legs very long.
Inhabits *Europe*. *Brit. Zool.* iv. *tab.* 9, *fig.* 18.
Body ſmall: *proboſcis* ſhort obtuſe tricuſpidate: behind the *eyes* a ſtrong erect ſpine: *ſhell* rugged unequal: *tail* ovate ſmooth: *colour* rufous, the legs dotted with white.

Phalangium. Thorax pubeſcent, with 3 ſharp erect ſpines before and obtuſe tubercles behind: proboſcis bifid.

Inhabits

Inhabits the *Ocean*. *Brit. Zool.* iv. *tab.* 9. *fig.* 17.
Before each *eye* is a ſpine: *ſhells* heart-ſhaped, the margin toothed: *legs* very long ſlender and hairy.

Veſpertilio. Thorax heart-ſhaped and very hairy; front emarginate.
Inhabits *India*; ſmall and covered with thick cinereous hair without ſpines or marginal teeth

Puber. Thorax heart-ſhaped hairy and 5-toothed each ſide: hands 1-toothed and tipt with black.
Inhabits the *Mediterranean*; larger than C. grapſus.
Front with 3 obtuſe crenate teeth: *ſhells* rugged brown with rufous hair: *hands* and the joint beneath 1-toothed: *hind-legs* compreſſed ovate.

Holoſericeus Thorax heart-ſhaped pubeſcent and 6-toothed each ſide: front 8-toothed: hands ſpinous.
Inhabits *New Holland* and *India*; ſmall.
Hands 4-ſpined, the next joint 2-toothed, arms 3-toothed *hind-legs* ovate: *claws* of the legs rufous.

Quadridens. Thorax heart-ſhaped depreſſed hairy unequal: tail 4-toothed at the baſe.
Inhabits *Eaſt India*; ſmall.
Proboſcis emarginate: *hands* granulate,

Aculeatus. Thorax covered with prickles: proboſcis long bifid, with 5 teeth above and one beneath.
Inhabits the *Norway Seas*: ſmall.
Body ovate, the margin ſpinous: *tail* ovate rough: all the *legs* ſpinous.

Maja. Thorax prickly: hands ventricoſe ſpinous, the fingers with tufts of hairs: legs 6.
Inhabits *Norway*. *Seba. Muſ. tab.* 18. *fig.* 10, *t.* 22. *f.* 1.

Mammillaris. Thorax ovate prickly nnd 3-ſpined at the ſides: proboſcis ſhort 3-toothed.
Inhabits *China*; middle-ſized.
Thorax with a diſtinct rufous ſpot: *tail* with 2 ſpines: *arms* very ſhort toothed: *hind-legs* ending in a lanceolate lobe.

**Horridus.* Thorax heart-ſhaped and with the hands and legs covered with numerous ſpines.
Brit. Zool. iv. *tab.* 8. *fig.* 14. *Rumph. Muſ. t.* 9. *f.* 1.
Body large: *proboſcis* forked: *ſpines* rufous or black.

Chiragra.

Chiragra. Thorax tuberculate unequal: proboſcis flat retuſe: leg tuberculate.
Inhabits the *Mediterranean*.
Before the *eyes* is an obtuſe tubercle: *legs* curved.

Cenagra. Thorax tuberculate and toothed on the fore-part: hands tuberculate.
Inhabits *Jamaica*. In the muſeum of Sir *Joſ. Banks*.
Thorax unequal and 7-toothed at the ſides: *proboſcis* o, but the ſhell is cleft on the front: *fingers* obtuſely toothed and brown: *legs* compreſſed hairy.

Nodulofus. Thorax covered with tubercles and crenate at the ſides: claws of the legs ſpinous.
Inhabits——In the muſeum of Sir *Joſ. Banks*.
Proboſcis o, but the thorax is notched before: *hands* tuberculate, with a black finger.

* *Longimanus.* Thorax orbicular and prickly: arms very long and prickly, hands very ſhort.
Nat. Miſcel. xi. *tab.* 408. *Seba Muſ.* 3. *tab.* 20, *fig.* 12.
Inhabits *Europe* and *India*.
Front 3-ſpined: *thorax* edged round with ſpines; *arms* ſpinous: *legs* ſmooth.

Hyſtrix. Thorax with a very long ſpine each ſide and 5 behind: arms filiform.
Inhabits the *Indian Ocean*.
Body ovate glabrous ſmooth, the front notched, the margin entire: *legs* filiform.

Spinifer. Thorax unequal and ſpined: ſecond pair of legs very long.
Inhabits the *Aſiatic Sea*.

Lar. Thorax hairy with a ſpinous dorſal line and ſpine on each ſide: legs very long.
Inhabits *Eaſt India*; larger than C. Phalangium.
Thorax ovate tuberculate: *proboſcis* projecting bifid: *arms* filiform.

Longipes. Thorax prickly: hands ovate rough: hind-legs very long.
Inhabits *India*. *Rumph. Muſ. tab.* 8. *fig.* 4.

Germanus. Thorax unequal with a ſpine on the front and another above the tail.

Inhabits

Inhabits the *German Ocean*. *Hands* ſmooth.
Body very minute: *front* with an ovate lamina between the eyes terminating in a ſpine: *tail* round, of 5 globular joints.

Auritus. Thorax 1-ſpined before, with a grooved and ſoftiſh back.
Inhabits *Iceland*; ſmall.
Shell with a ſmall erect ſpine behind the eyes; *arms* 1-ſpined at the baſe and tip: *thumb* 1-toothed.

Cruentatus. Thorax tubercular and red: proboſcis linear truncate.
Inhabits the *Mediterranean*. *Scopol. Ent. Carn.* 1134.
Body ſpotted with white at the tip: *hands* oblong ſmooth 2-toothed: *legs* warty.

Hepaticus. Thorax ſemicircular gibbous warty, the margin ſerrate.
Inhabits *America* and *India*. *Herbſt. Canc.* 6. *n.* 89.

Scrupoſus. Thorax tuberculate and flattiſh, the margin prickly: hands creſted at the inner margin.
Inhabits *India*. *Herbſt. Cancr.* 6. *n.* 90.

* *Tetrodon.* Thorax heart-ſhaped uneven and ſpinous: front with 4 long projecting ſpines.
Inhabits *Britiſh Coasts*. *Brit. Zool.* iv. *tab.* 8. *fig.* 15.
Arms ſpinous, the hands ſmooth and long: *legs* ſlender.

* *Tuberoſus* Thorax tuberous: front ſlightly bifid: legs ſhort.
Inhabits *Britiſh Coasts*. *Brit. Zool.* iv. *tab.* 9. A. *fig.* 19.

* *Aſper.* Thorax heart-ſhaped ſpinous: proboſcis 2-ſpined: arms and legs ſpinous.
Inhabits *Britiſh Coasts*. *Brit. Zool.* iv. *tab.* 9. *fig.* 20.

B. *Antennæ pedunculate: the fore-ones ſetaceous, hind-ones filiform the laſt joint bifid: tail naked and veſicular.*
Pagurus.

Theſe are generally paraſitic and inhabit the empty cavities of turbinate ſhells, changing their haditations as they iucreaſe in growth; the tail is naked and tender and furniſhed with a hook or two to ſecure itſelf in its habitation.

Latreus. Thorax 4-cleft at the futures: tail ſimple and ventricoſe beneath.

Rumph

Rumph. Muſ. tab. 4. *fig.* H, I. *Seb. Muſ.* 3. *t.* 21. *f.* 1, 2.
Inhabits *Eaſt India*, in holes of rocks: wanders about on land by night in ſearch of Cocoa-nuts, which it procures by climbing up the trees and throwing them down and afterwards tearing them open with its hands. The fleſh is good if the entrails are taken out.

Aniculus. Thorax ovate and fringed at the ſides: legs rugged and hairy.
Inhabits the *Southern Ocean*: large.
Mouth hairy: *proboſcis* bifid: *thorax* ſmooth and ſoft behind: *hands* ovate, the fingers with a few tufts of red hairs: *legs* 2, 3 long rugged hairy with compreſſed thighs, 4, 5. ſhort.

**Bernhardus.* Hands muricate, the right-one larger.
Brit. Zool. 4. *tab.* 17. *fig.* 38. *Baſter. t.* 10. *f.* 3, 4.
Inhabits *European Seas*, in turbinate ſhells.
Thorax ovate ſmooth: *legs* rough.

Hungarus. Hands hairy and tipt with black, the right one larger: body with red bands.
Inhabits *Eaſt India*. *Herbſt. Canc. fig* 122.
Peduncles of the *eyes* pale with red bands: *body* ſmooth: *hands* and *legs* hairy.

Diogenes. Hands ſmooth pubeſcent, the left one larger.
Nat. Miſcel. v. *tab.* 160. *Cateſb. Carol.* 2. *tab.* 33. *fig.* 1, 2.
Inhabits *American* and *Indian Seas*.

Miles. Left-hand larger and muricate each ſide; legs with very long claws.
Inhabits *East India*. *Herbſt. Canc. fig.* 114.

Clypeatus. Thorax ſmooth entire compreſſed: left-hand larger and with the legs punctured.
Inhabits *East India*. *Herbſt. Canc. fig.* 116, 117.
Body ſmall whitiſh: *antennae* brown: *hands* white with purple dots and a blue ſpot at the margin: *legs* white with purple dots.

Eremita. Hands rough and nearly equal: the 6 fore-ones furniſhed with a thumb.
Inhabits *Italy*; leſs than C. Diogenes.

Tubularis. Subcylindrical; ſhell with excavated dots.
Inhabits the *Mediterranean*, in the ſhell of the Serpula glomerata.

Oculatus. Hands muricate equal: peduncles of the eyes as long as the body.
Inhabits the *Ocean*, in the Murex Brandaris.
Body ferruginous. peduncles of the *eyes* armed with a tooth at the base: *arms* with a red spot each side, hands rough.

Alatus. Hands smooth with 3 wing-like projections, the right-one larger.
Inhabits *Iceland*, less than the last.
Joint beneath the *hands* rough.

* *Araneiformis.* Hands rongh; tail callous at the tip and furnished with a single hook.
Inhabits *Scotland*, in the fissures of rocks.
Body small dull cinereous: margin above the *eyes* with 2 small spines: *hands* ovate: 4 *hind-legs* obtuse reflected: *tail* cylindrical soft ending in a globular callus and a single hook.

C. *Antennæ unequal; the fore-ones pedunculate; hind-ones sessile, the last joint setaceous: tail foliaceous.* Galathea.

* *Strigosus.* Thorax plaited on the fore-part with ciliate wrinkles: proboscis sharp, with 7 denticles.
Nat. Miscell. ix. *tab.* 314. *Brit. Zool.* iv. *tab.* 14. *fig.* 26.
Inhabits *Europe*; about 6 inches long.
Arms spinons: *legs* only 6, spinous.

* *Brachiatus.* Thorax with ciliate plaits on the fore-part: proboscis sharp, with 3 denticles: arms extremely long.
Inhabits *Europe*. *Nat. Miscel.* viii. *tab.* 282.
Pennant Brit. Zool. iv. *tab.* 14. *fig.* 27.
Fore-margin of the *thorax* acute: *legs* only 6, filiform: *arms* spinous.

Gregarius. Thorax with ciliate plaits: proboscis 3-toothed: fore-feelers very long.
Inhabits the sea round *Patagonia* and appears sometimes in such vast shoals, that the sea appears perfectly red.
Hands rough: *colour* red with a brown dorsal spot.

Amplectens. Thorax smooth: proboscis very short and emarginate: middle pair of legs very long.
Inhabits the *Atlantic*, near *Brasil* and shines by night.
Body small whitish subdiaphanous and covered with red specks: *fore-antennae* serrate: *tail* of five leaves, the middle-one tongue-shaped.

D. *Antennæ*

D. *Antennæ pedunculate, the fore-ones long ſetaceous, hind-ones cleft: tail foliaceous.* Aſtacus.——————Lobſters.

a. *Hind-pair of Antennæ biſid.*

*Gammarus. Thorax ſmooth: proboſcis toothed at the ſides with a double tooth at the baſe above.
Brit. Zool. iv. *tab.* 10. *fig.* 21. *Baſter.* 2, *tab.* 1.
Inhabits moſt rocky ſhores, and is the ſpecies moſt in repute for its delicious meat.

*Aſtacus. Thorax ſmooth: proboſcis toothed at the ſides with a ſingle tooth at the baſe each ſide. *Craw-fiſh.*
Brit. Zool. iv. *tab.* 15. *fig.* 27. *Degeer.* 7. *t.* 20. *f.* 1.
Inhabits *Rivers*, and lodges itſelf in holes made in the clayey banks: fleſh excellent.
Hands large tuberculate: 4 firſt *legs* chelate.

*Homarus. Thorax prickly before: front 2-horned: arms without hands or chelæ.
Brit. Zool. iv. *tab.* 11. *fig.* 22. *Seba. Muſ.* 3. *t.* 21. *f.* 5.
Body marked with round white ſpots: firſt pair of *antennæ* extremely long and ſpinous at the baſe; ſegments of the *abdomen* with a ſpine each ſide: *legs* ending in a hairy claw.

Serratus. Hands ſerrate: tail muricate each ſide by a triple row of ſpinous protuberances.
Inhabits *New Holland. Zool. N. Holl.* 2. *p.* 28. *tab.* 8.
About the ſize of the common lobſter: *antennæ* ſmooth teſtaceous: *thorax* ſmooth on the upper-part, the ſides muricate with tubercles and ſpines; *hands* equal ſerrate on the edges by a double row of ſharp protuberances: *legs* ſerrate. *tail* with a triple row of ſharp points, between which are a few ſmaller ones: *body* red, blue on the ſides of the hands.

Elephas. Thorax muricate with 4 ſpines on the fore-part; the middle-ones larger and toothed.
Inhabits *American Iſlands. Herbſt. Canc. fig.* 138.

Narval. Proboſcis very long aſcending compreſſed and ſerrate each ſide.
Inhabits the *Mediterranean. Herbſt. Canc. fig.* 134.
Middle leaf of the *tail* ſubulate.

Carcinus. Thorax ſmooth; hands roundiſh: arms rough with prickles.
Sloan. Jam. 2. *tab.* 245. *fig.* 2. *Seba. Muſ.* 3. *t.* 21. *f.* 4.
Inhabits rivers of *America.*

Fulvus. Thorax ſmooth: proboſcis ſhort and ſerrate each ſide: hands compreſſed and crenate each ſide.
Inhabits the *Ocean*: middle-ſized.
Thorax cylindrical: *arms* tuberculate: *hands* ovate compreſſed hairy, beneath ſmooth, fingers toothed within.

Cæruleſcens Body blueiſh: thorax ſmooth: proboſcis projecting ſubulate and 2-toothed.
Inhabits frequently between the *Tropics*: ſmall.
Thorax with 2 ſmall teeth at the baſe of the proboſcis: firſt ſegment of the *abdomen* very large: middle leaf of the *tail* emarginate: *arms* very ſhort round with minute hands: *legs* filiform.

Fulgens. Proboſcis very ſhort and ſubulate: legs ſimple.
Inhabits the Sea round *Braſil*, and ſhines by night.
Body ſmall whitiſh ſubdiaphanous: all the 8 *legs* ſimple.

Homari. Segments of the body ſubſpinous on the back: tail faſciculate and armed with ſerrate ſtyles.
Inhabits *Norway*. *Act. Hafn.* 10. 5. *tab.* 2.
Minute. *Head* ovate without proboſcis: *legs* 7 pair, each with an ovate lamina within, 3 pair of them ciliate and cleft at the tip: *tail* with numerous ſerrate ſtyles.

Harengum. Proboſcis ſubulate: eyes globular and prominent.
Inhabits the *Ocean*, and is the chief food of Herrings and Codfiſh. *Body* minute filiform white.
Eyes large globular approximate black: *proboſcis* ſubulate acute: *legs* 6 pair ſimple; 5 pair formed for ſwimming and compoſed of 2 joints, the firſt glabrous, the ſecond ciliate and bifid: middle leaf of the *tail* tricuſpidate.
In the *male* the firſt and ſecond joints of the peduncle of the antennæ have a hook at the tip.

Craſſicornis Thorax articulate: ſixth pair of legs very long.
Inhabits the *American Ocean*: ſmall, reddiſh.
Thorax carinate on the back and compoſed of 8 articulations, the fore-part retuſe and without proboſcis: *fore-antennæ* longer than the body: *legs* 8, all of them ſimple, the ſixth pair twice as long and ſerrate on the thighs: *tail* with 6 filiform ſtyles.

Hiſtrio. Thorax 2-toothed at the margin: proboſcis lanceolate ſerrate: body variegated.
Inhabits *Greenland*; ſize of C. crangon.

Feelers

Feelers ſpinous at the tip: *body* variegated with rufous and cinereous: middle leaf of the *tail* with 2 ſpinous lines.

Planus. Proboſcis very ſhort and ſubulate: hands very long with a compreſſed carinate finger.
Inhabits——Size of C. Crangon.
Body ſmooth pale immaculate: *hands* flat above reddiſh beneath yellowiſh with a ſingle raiſed line: *legs* yellowiſh.

Cylindrus. Body cylindrical and furniſhed with rounded united fin-like proceſſes t left hand larger than the thorax.
Inhabits the *Indian Ocean.*
Thorax ſmooth pale without proboſcis: *tail* of 3 leaves, the outer ones larger and rounded: *legs* filiform.

Malabaricus. Thorax ſmooth unarmed: right hand larger: legs filiform.
Inhabits *Malabar*; ſize of C. crangon.
Left *hand* longer and filiform.

Carinatus. Thorax with a toothed keel: proboſcis ſhort recurved and 3-toothed at the tip.
Inhabits——In the muſeum of of Sir *Joſ. Banks.*
Thorax with an elevated 4-toothed ridge which projects forwards into a recurved truncate proboſcis; fore-margin 1-toothed, a ſharp incumbent ſpine nearly in the middle of the thorax: *abdomen* with a carinate ridge which is ſpinous before and behind.

Boreas. Thorax prickly; ſecond and third pair of legs filiform.
Inhabits the *North Sea. Phipps* 190. *tab.* 12. *fig.* 1.
Proboſcis ſhort depreſſed grooved each ſide and acute, beneath with a ſtrong tooth: *hands* ſmooth.

Groenlandicus. Fore-margin of the thorax and proboſcis toothed: feelers ſpinous at the tip: body brown.
Inhabits the Sea round *Greenland.*
Proboſcis with 3 teeth above and 2 beneath: firſt *antennæ* very long and variegated with red and white: *thorax* 3-toothed on the fore-margin, the back carinate with 4 teeth: ſegments of *abdomen* ending in a ſpine each ſide: middle leaf of the *tail* with 2 toothed lines behind.

Varius. Thorax 1-toothed at the margin: proboſcis ſerrate each ſide: body variegated.
Inhabits the *Norway Ocean.*

Fore-

Fore-antennæ longer than the body, rufous with 4 white ſpots: *abdomen* cinereous with numerous oblique rufous bands: middle leaf of the *tail* ſubulate: ſecond pair of *legs* filiform and longer than the others.

Emeritus. Antennæ bifid? hands 0: legs 5 each ſide and all formed for ſwimming.
Inhabits the *Indian Sea.* *Gronov. Zooph. tab.* 17. *fig.* 8, 9.

Cæmentarius. Thorax ſmooth cylindrical: proboſcis obtuſe: hands prickly.
Molin. Hiſt. Nat. Chil. p. 183. *n.* 21.
Inhabits rivers of *Chili*: about 8 inches long and brown with red veins: the fleſh is in great eſteem.

b. *Hind pair of antennæ trifid.*

**Norwegicus.* Thorax ſpinous on the fore-part: hands priſmatic with ſpinous angles.
Inhabits *Europe.* *Degeer. Inſ.* 7. *tab.* 24. *fig.* 1.
Brit. Zool. iv. *tab.* 12. *fig.* 24. *Seba. Muſ.* 3. *t.* 21. *f.* 3.
Proboſcis long ſpinous; *legs* long ſlender.

**Squilla.* Thorax ſmooth: proboſcis ſerrate above and 3-toothed beneath: margin of the thorax 5-toothed. *Prawn.*
Brit. Zool. iv. *tab.* 16. *fig.* 28. *Bast* 2 *tab.* 30. *fig.* 5.
Inhabits the *European Ocean* and the *Baltic.*
2. About half the ſize and is white when boiled.
Penn. Brit. Zool. iv. *p.* 19. *n.* 29. *White prawn.*
Proboſcis generally turned up and bifid at the end.

Pennaceus. Thorax ſmooth: proboſcis projecting and ſerrate above, beneath ſmooth: fingers filiform.
Inhabits the *Ocean*; leſs than the laſt.
Margin of the *thorax* 1-toothed each ſide: *hands* ſhort ovate with linear acute fingers.

Serrator. Thorax ſmooth ſubcarinate: proboſcis ſerrate each ſide.
Inhabits the *Norway Seas*; leſs than C. ſquilla.
Proboſcis lanceolate and ſmooth at the tip: *thorax* with an elevated lateral line: *legs* filiform.

**Crangon.* Thorax ſmooth: proboſcis ſhort and very entire: hands with a ſingle moveable fang. *Shrimp.*
Brit. Zool. iv. *tab.* 15. *fig.* 30. *Seb. Muſ.* 3. *t.* 63. *f.* 1, 2.
Inhabits Sandy Shores and is a very rich and good food.
Legs only 6: middle leaf of the tail ſubulate.

Tettigonus.

Tettigonus. Thorax ſpinous: 4 fore-legs filiform.
Inhabits *Iceland.*
Proboſcis ſhort inflected 2-toothed: *thorax* with a 2-toothed ridge, the margin 1-toothed: *hands* with a ſingle moveable fang.

E. *Firſt pair of antennæ pedunculate ſetaceous; ſecond pair pedunculate, the peduncle ſetaceous and cleft; ſhell of the thorax extremely ſhort.* Squilla.

Maculatus. Hands with a ſingle fang, compreſſed falcate and ſerrate: body very ſmooth: tail ſubtruncate and very ſmooth.
Inhabits *Eaſt India. Rumph. Muſ. tab.* 3. *fig.* 2.
Body whitiſh with blueiſh-brown bands; the laſt ſegment tipt with brown with 2 whitiſh marginal ſpots, the margin with a ſpine or two.

* *Mantis.* Hands with a ſingle fang, compreſſed falcate and ſerrate: body ſubangular: tail ſerrate with ſpines.
Seba Muſ. 3. *tab.* 20. *fig.* 2. 3. *Marc. Braſ. tab.* 187.
Inhabits *European Aſiatic* and *Indian Seas*; is eaten as a delicacy by the *Italians.*

Scyllarus. Hands with a ſingle fang, ventricoſe ſtraight angular and 3-toothed within.
Inhabits *Aſia. Seba Muſ.* 3. *tab.* 20. *fig.* 6.

Ciliatus. Hands with a ſingle fang, falcate compreſſed 3-toothed: 2 laſt ſegments of the abdomen ciliate with ſpines.
Inhabits the *Indian Ocean.*
Tail with 4 leaves ſpinous at the tip: *legs* filiform.

Cbiragricus Hands with a ſingle fang, ſubulate with a rufous protuberance at the baſe.
Inhabits the *Southern Ocean.*
Feelers 6 approximate: *thorax* with 2 grooves, the anterior plate moveable and 3 toothed: *abdomen* of 11 rounded ſmooth ſegments, the tenth with 6 united ſpinous lines, the laſt with elevated ſpinous lines and a ſpinous hind margin: *tail* inſerted under the tenth ſegment with 3 leaves each ſide, the outer ones linear with a finely toothed outer margin, the middle one bifid, the inner one ovate and fringed.

Vitreus. Hands falcate ſubulate entire: thorax ſmooth carinate with ſubulate angles.
Inhabits the *Atlantic:* ſmall pellucid and membranaceous.

Thorax

Thorax an oblong ſquare with ſpinous margins: *probeſcis* long ſubulate acute: *tail* large ovate 6-toothed each ſide with 3 ſmall leaves, the middle one truncate: *legs* 10.

F. *Antennæ pedunculate and very ſimple.* Gammarus.

Ampulla. Hands without fangs: legs 14: hind-thighs compreſſed dilated.
Inhabits the *Northern Ocean. Phipps. tab.* 12. *fig.* 3:
Body nearly white; *probeſcis* ſhort incurved and very ſharp: *tail* with 6 leaves, the laſt joint bifid.

Nugax. Hands without fangs: legs 14: 6 hind-thighs compreſſed dilated.
Inhabits *North Seas. Phipps. tab.* 12. *fig.* 3.

Carino-ſpinoſus. Hands without fangs: legs 14: back carinate and ſpinous.
Inhabits——In the *Britiſh Muſeum.*
Body whitiſh ſubcompreſſed; the hind ſegments a little ſpinous.

Cancellus. Hands 4 without fangs: legs 16.
Inhabits *Siberia. Pall. Spic. Zool.* 9. *tab.* 3. *fig.* 18.
Firſt pair of antennæ incurved.

**Groſſipes.* Hands without fangs: antennæ longer than the body: tail obtuſe.
Inhabits *Europe. Brit. Zool.* iv. *tab.* 16. *fig.* 31.

**Locuſta.* Hands 4 without fangs: legs 14: thighs ſimple: tail with bifid ſpines.
Roeſ. Inſ. 3. *tab.* 62. *Sulz. Inſ. tab.* 23 *fig.* 152.
Inhabits *Europe* on ſandy ſhores and in ſtagnant waters; leaps about with great agility.

**Pulex.* Hands 4 without fangs: legs 10.
Degeer. Inſ. 7. *tab.* 33. *fig.* 1, 2. *Baſt. tab.* 3. *fig.* 7.
Very common in fountains and rivulets, and ſwims in an incurved poſture upon it's back: is very troubleſome to fiſh by getting between their gills, and is ſaid to ſhine by night.

Corniger. Hands without fangs: probeſcis incurved ſubulate: ſides of the thorax with a double horn.
Inhabits the *Norway Seas.*

Body

Body of 11 short segments, whitish edged with red, the 5 hind-ones carinate and spinous on the back: under the *thorax* each side are 2 horns united at the base: *tail* with numerous bifid styles.

Linearis. Hands 4 with a single fang: legs 10.
Pall. Spicil. Zool. 9. *tab.* 4. *fig.* 15. *Baster, tab.* 4. *fig.* 2.
Inhabits the shores of *Europe* and *America*.

Atomos. Hands 4 with a single fang: legs 14, with 2 oval vesicles each side between the fourth and fifth pair.
Pennant Brit. Zool. iv. *tab.* 12. *fig.* 22.
Inhabits *Europe*, in running water and is so very minute as to be seldom visible to the naked eye.

Salinus. Legs 20 spreading: tail subulate.
Found in the Salt Water at *Lymington*.
Body oblong something larger than a louse: *eyes* distant pedunculate: *tail* filiform, as long as the body.

Stagnalis. Hands without fangs; legs 22: tail cylindrical bifid.
Linnean Transact. 1. *p.* 103. *tab.* 9.
Found generally in small shallow pools of rain water, and is very transparent.
Head of the male armed with fangs ending in 2 incurved hooks: *tail* of the female furnished with a large oval bag of eggs at the base.

Gibbosus. Oblong, gibbous: antennæ folded and very long.
Inhabits *Portugal*; small.
Body smooth yellowish speckled with brown: *head* thick obtuse with a large green spot: *antennæ* bent under the body, folded and 3 times as long as the body: *tail* with 3 sharp cleft leaves.

Esca. Hands without fangs: tail jointed subulate and cleft at the tip.
Inhabits *Norway* and is the chief food of Herrings.
Body blackish, the head more hyaline: *tail* nearly as long as the body, of 5 joints, the last cleft.

Medusarum Hands 4 with a single fang: head very obtuse.
Strom, Sundm 188. *tab.* 1. *fig.* 12, 13.
Inhabits *Norway*, under Medusæ.

Filiformis. Linear; legs 10, the middle ones larger.
Inhabits *Malacca*. *Amoen. Acad.* 6. *p.* 415, *n.* 99.

G. *Antennæ 2, the laſt joint bifid; inſtead of the hind-ones are 2 biarticulate plates.* Scyllarus.

* *Arctus.* Plates of the antennæ ciliate with prickles.
Brown Jamaic. tab. 41. fig. 1. Sulz. Inſ. tab. 32. fig. 3.
Shell tuberculate brown with ſmall yellow ſpots: *hands* 0: *legs* ſpotted, the thighs ſpinous: leaves of the tail broad villous roundiſh.

Auſtralis. Plates of the antennæ rounded and ſmooth..
Inhabits the *Southern Ocean.* Muſeum of Sir *Joſ. Banks.*
Thorax unequal with a crenate margin.

H. *Antennæ 2 pedunculate and ciliate with thick hairs: plates 0.* Hippa.

Adactylus. Thorax ſmooth: hands without fangs.
Inhabits the *Southern Ocean.* In the muſeum of Sir *Joſ. Banks.*
Body ovate ſmooth, the margin very entire: *tail* inflected, the laſt joint long ſubulate and ciliate each ſide: *hind-legs* adhering to the tail.

Symmiſtra. Thorax truncate ſerrate and ciliate before: hands chelate.
Inhabits *India.* *Hands* heart-ſhaped.

Scutellatus. Thorax nearly entire and ciliate: hands chelate.
Inhabits———In the *Britiſh Muſeum.*
Thorax ovate ſmooth and fringed with long hair at the ſides, rounded before and narrower behind: *hands* ſmoooth.

**Dentatus.* Thorax ſmooth and 5-toothed each ſide: tarſi ſpinous.
Penn. Brit. Zool. 4. tab. 7. fig. 13.
Inhabits *European* and *Indian Seas.*
Body glabrous pale, with a ſpine each ſide at the corner of the eye, 3 in the middle and one behind: inſtead of the proboſcis are 2 ſhort teeth: *antennæ* ſubciliate, as long again as the body: *arms* as long again as the body and ſubſpinous: *legs* ſmooth fringed.

Derſipes. Thorax glabrous truncate before and 7-toothed: hands compreſſed with a falcate thumb
Inhabits *India.* *Rumph. Muſ. tab. 10. fig. 3.*
Thorax whitiſh, the margin hairy and crenate, before the tip is an elevated plait ciliate with denticles: *tail* inflected thin, the laſt joint ovate obtuſe: *hands* ovate, above rough beneath ſmooth.

Scabr.

Scaber. Thorax ovate truncate before and many-toothed: hands compreſſed and toothed each ſide.
Inhabits the *South Seas*; large.
Thorax rough with oblong raiſed dots: *tail* ſhort inflected ciliate: *hands* large rough, 2-toothed on the upper-margin and 5-toothed on the inner: *legs* 8, ciliate, the laſt joint ovate acute.

Variolosus. Thorax variolous and toothed on the fore-part: legs grooved at the tip.
Inhabits the *Indian Ocean.*
Proboſcis ſhort 7-toothed: *thorax* ſmooth behind with a lateral oblique wrinkle; *hands* ſmooth: ends of the *legs* falcate.

Cancharus. Thorax oval rugged: hands compreſſed and ſpinous at the margin.
Inhabits *India. Muſ. Lua. Ulr.* 455.

Sinicus. Thorax ſomewhat compreſſed oval and ſpinous: arms and legs ſpinous.
Inhabits *China. Herbſt. Canc. p.* 218. *n.* 111.

120. MONOCULUS. *Legs* 4--8, formed for ſwimming and very long; *body* covered with a creſt or ſhell divided into ſegments: *antennae* 4, 2 or 0: *eyes* 1 or 2, approximate and fixed in the ſhell: *feelers* 4, in continual motion when ſwimming; the hind-ones very ſmall and hook-ſhaped.

A. *With a ſingle eye and cruſtaceous body.*

Oculus. Antennæ 0: feelers 2, long branched: tail inflected.
Mull. Entomoſt. p. 119. *tab.* 20. *fig.* 1—5.
Inhabits *Europe*, in pools and ſtagnant waters, ſwims in ſwarms upon it's back, and has a large black eye which appears to occupy the whole of the head.

Quadricornis. Antennæ 4: tail ſtraight bifid, the diviſions branched.
Donovan's Eng. Inſ. i. *tab.* 2. *Sulz. Inſ. tab.* 30. *fig.* 9.
Mull. Entom. tab. 18. *fig.* 1—14.
Inhabits *Europe* in freſh and ſtagnant waters.

Body greyiſh or greeniſh, ſmooth or covered with hair: *legs* 8, hairy: *female* with an oval bag containing the eggs each ſide the tail.

Minutus. Antennæ 2, linear: tail ending in 2 briſtles.
Mull. Entomoſt. p. 101. *tab.* 17. *fig.* 1—7.
Found at the banks of ditches, generally among duck-weed, and at firſt ſight reſembles the *Lepiſma ſaccharina*.
Legs 10, very long and hairy: *tail* ending in 2 papillæ.

Cæruleus. Antennæ 2 linear: body blueiſh with a ſtraight 2-lobed tail.
Mull. Entomoſt. p. 102. *tab.* 15. *fig.* 1—9.
Inhabits *Germany*, in muddy ditches.
Head, tail and *antennæ* red: *eyes* black; *abdomen* beneath green: *legs* 8.

**Rubens.* Antennæ 2, linear; body reddiſh with a ſtraight forked tail.
Mulll. Entomoſt. p. 104. *tab.* 16. *fig.* 1—3.
Found in ditches and rivulets and is common through the whole year: *legs* 8.

Lacinulatus Antennæ 2, linear: tail curved forked.
Mull. Entomoſt. p. 195. *tab.* 16. *fig.* 4—6.
Inhabits *Germany*, in ditches. *Antennae* white.

Longicornis. Antennæ 2, linear and very long: tail bifid.
Mull. Entomoſt. p. 115. *tab.* 19. *fig.* 1—9.
Inhabits the Sea round *Femmark*.
Tail ending in 2 briſtles.

Captivus. Antennæ 2, linear: head covered with a dilated ſhield: tail ſtraight cleft.
Mull. Entomoſt. p. 116. *tab.* 19. *fig.* 10—13.
Inhabits *Germany*. *Legs* 6: *tail* with 6 joints.

Minuticornis. Antennæ 2, ſhort linear: tail cleft and ending in 2 briſtles.
Mull. Entomoſt. p. 117. *tab.* 19. *fig.* 14, 15.
Found though ſeldom in Sea Water.
Feelers about half as long as the antennæ.

Clavigcr. Antennæ 2, ſubclavate rigid: tail bifid.
Mull. Entomoſt. p. 108. *tab.* 16. *fig.* 7—9.

Inhabits

Inhabits through rarely rivers of *Germany*, and glides ſlowly along alternately on it's back ſides and belly, and ſometimes raiſes itſelf upright.
Body above white, beneath red: *tail* not jointed: *legs* 8.

Craſſicornis Antennæ 2, dilated and ſhort: tail bicuſpidate.
Mull. Entomoſt. p. 113. *tab.* 18. *fig.* 15—17.
Inhabits Marſhes though very rarely.
Body with 5 ſegments: *antennæ* branched at the baſe.

Curticornis. Antennæ 2, minute ſtraight with 3 hairs at the tip: body inarticulate: hands unarmed: tail forked.
Inhabits *Sea Water*. *Mull. Entom. p.* 115. *tab.* 19. *fig.* 4—6.

Chelifer. Antennæ 2, ſhort recurved: body inarticulate: hands chelate: tail forked.
Inhabits *Sea Water*. *Mull. Entom. p.* 114. *tab.* 19. *fig.* 1—3.

Brevicornis Antennæ 2, thoſe of the male hooked; tail with very ſhort briſtles.
Inhabits Sea Marſhes. *Act. Hafn.* 9. *p.* 590. *tab.* 9. *fig.* 1—10.
Reſembles M. quadricornis *Antennae* of the *female* forked at the tip.

B. *With a ſingle eye and bivalve ſhell: antennæ branched.*

**Pulex.* Tail inflected: ſhell mucronate behind.
Mull. Entomoſt. n. 34. *tab.* 12. *fig.* 4—7.
Lederm. Microſc. 146. *tab.* 72. *fig.* 2.
Found in ſtagnant waters, in ſuch vaſt numbers, that it appears ſometimes covered with a red pellicle.
Shell yellowiſh: *abdomen* inteſtines and 10 *legs* reddiſh: *female* thrice as large as the male, with 8—12 round green eggs: on the back is a large ſquare ſpot reſembling a ſaddle.

Longiſpinus Tail inflected: ſhell ſerrulate before and prickly behind.
In freſh Water. *Mull. Entom. n.* 35. *tab.* 12. *fig.* 8—10.
Shell ovate white pellucid, ending behind in a ſtrong ſpine ſerrate each ſide and half as long as the ſhell: *legs* 8.

Quadrangula. Tail inflected: ſhell quadrangular unarmed.
In ſtagnant pools. *Mull. Ent. n.* 36. *tab.* 13. *fig.* 3, 4.
Body ſometimes red: *legs* 6.

Simus.

Simus. Tail inflected: ſhell oval unarmed.
In Marſhes. *Mull. Entomoſt. n.* 37. *tab.* 12. *fig.* 11, 12.
Shell pellucid yellowiſh: *legs* 8.

Rectirostris Tail inflected: hind-head with 2 projectiug horns.
In Marſhes. *Mull. Entom. n.* 38. *tab.* 12. *fig.* 1—3.
Shell oval pellucid with gaping valves and ciliate on the fore-margin: *tail* with 2 long briſtles: *legs* 6—8.

Curvirostris. Tail inflected: front with 2 inflected horns.
In pools. *Mull. Entomost. n.* 39. *tab.* 13. *fig.* 1, 2.
Shell hairy on the fore-margins: *front* with 2 pendent horns: *tail* ending in 2 hooks: *legs* 8.

**Mucronatus.* Tail inflected: ſhell ovate, beneath inflected and prickly behind.
In Marſhes. *Mull. Entom. n.* 40. *tab.* 13. *fig.* 6, 7.
Swims on it's back on the ſurface of the water.
Shell with 4 black dorſal ſtreaks: *legs* 12.

Cryſtallinus Tail inflected: ſhell oblong cryſtalline: head with 2 ſhort horns at the tip.
In freſh Water. *Mull. Entom. n.* 41. *tab.* 14. *fig.* 1—4.
Body white pellucid with 12 hairy legs.

Pediculus. Tail reflected.
In freſh water. *Degeer. Inſ.* 7. *tab.* 28. *fig.* 9, 10.

Setifer. Tail ſtraight: ſhells with long tufts of hairs at the angles of the valves.
In ſtagnant pools. *Mull. Ent. n.* 42. *tab.* 14 *fig.* 5—7.
Shell oblong pellucid cryſtalline: *antennæ* with 3 branches: *legs* very hairy, 8 or more: *tail* divided at the tip.

C. *With a ſingle eye and bivalve ſhell: antennæ ſimple.*

Viridis. Shell ovate downy green.
Mull. Entomost. p. 64. *tab.* 7. *fig.* 1, 2.
In ſea water, on *Fuci* and *Conferuæ*.
Fore-legs falcate and ſerrate within.

**Luteus.* Shell ovate gibbous glabrous pale yellow.
On Fuci. *Mull. Entomost. p.* 65. *tab.* 7. *fig.* 3, 4.

* *Flavidus.*

*Flavidus. Shell oblong glabrous pale yellow.
Mull. Entomoſt. p. 66. *n.* 22. *tab.* 7. *fig.* 5, 6.
Found frequently on the *Fluſtra lineata*.
Shell pellucid: *fore-legs* round.

Gibbus. Shell ovate hiſpid and gibbous each ſide.
On Ulvæ. *Mull. Entomoſt. n.* 3. *tab.* 7. *fig.* 7—9.
Shell ovate pale briſtly.

Coarctatus. Shell ovate glabrous and contracted in the middle.
On Fuci. *Mull. Entomoſt. n.* 24. *tab.* 7. *fig.* 11, 12.
Shell greeniſh with a black eye.

D. *With a ſingle eye and bivalve ſhell: antennæ tufted at the tip.*

Detectus. Shell oblong white pellucid: tail with 2 briſtles.
In ditches. *Mull. Entom. n.* 4. *tab.* 3. *fig.* 1—3.
Legs 4, the fore-ones recurved, hind-ones reflected.

Strigatus. Shell kidney-ſhaped, brown with 3 white bands.
In muddy ruts. *Mull. Entom. p.* 54. *n.* 13.
Shell glabrous: *antennæ* with 11 briſtles.

Ornatus. Shell ovate, ſinuate beneath on the fore-part and variegated with white green and fulvous.
In ſtagnant water. *Mull. Entom. n.* 10. *tab.* 3. *fig.* 4—6.
Shell gibbous in the middle with a large fulvous ſpot.

Piloſus. Shell ovate brown, ciliate before and behind.
Mull. Entomoſt. p. 59. *n.* 16. *tab.* 6.
Found in the nectaries of the *Utricularia minor*.
Shell ſmooth glabrous opake.

Candidus. Shell ovate ſnow-white immaculate.
In marſhes. *Mull. Entom p.* 62. *tab.* 13. *fig.* 4—6.
Shell obtuſe before and behind.

Lævis. Shell ovate glabrous greeniſh.
In Ditches. *Mull. Entom. p.* 50. *tab.* 3. *fig.* 7—9.
Shell obtuſe opake: *tail* ending in a ſpine.

Vidua. Shell ovate white with 3 black bands.
In muddy water. *Mull. Entom p.* 55. *tab.* 4. *fig.* 7—9.
Two of the bands are in the middle and one on the fore-margin, the valves gibbous and whitiſh.

Telemus. Shell subglobular 3-toothed behind, with a truncate lip on the fore-part.
Inhabits *Algira*. Pellucid; probably not of this genus.

Lenticularis. Shell compressed and lentiform.
Inhabits *Finland*. *Fn. Suec.* 2051.

**Conchaceus.* Shell ovate downy.
In stagnant Water. *Baker. Microſ. tab.* 15. *fig.* 8.
Donovan. i. *tab.* 5. *Mull. Ent. tab.* 5. *fig.* 1—5.
Body green opake with yellowiſh legs: *abdomen* nearly 2-lobed and fulvous with a black circle in the middle: it contracts itſelf within the ſhell and ſwims on the belly.

Faſciatus. Shell oblong whitiſh with a green band.
In ſtagnant water. *Mull. Ent. tab.* 4 *fig.* 1--3.
Reſembles a grain of Barley: the green band is placed in the middle behind the eye.

Monachus. Shell glabrous yellow edged with black.
In marſhes. *Mull. Ent. p.* 60. *tab.* 5. *fig.* 6--8.
Shell opake, truncate before and rounded behind.

Craſſus. Shell oblong gibbous yellowiſh with an oblique abbreviated fulvous band.
In Fens. *Mull. Entomoſt. p.* 61. *tab.* 6. *fig.* 1, 2.

E. *With a ſingle eye and univalve ſhell: antennæ* 2.

**Satyrus.* Shell ovate pellucid and emarginate behind: antennæ obtuſe.
In freſh water. *Baker Microſc. tab.* 22. *fig.* 23--25.
Mull. Entomoſt. p. 42. *n.* 3. *tab.* 2. *fig.* 1--4.
Shell flat membranaceous: *fore-legs* with a double ſhank: *tail* truncate and cleft in the middle.

Silenus. Shell ovate opake and ſubemarginate behind: laſt joint of the antennæ ſubulate.
Mull. Ent. p. 44. *n.* 4. *tab.* 2. *fig.* 12--15.
Found in ditches filled with the leaves of trees.
Shell ſubopake and ſometimes yellowiſh.

Mænas. Shell oval: antennæ horizontally extended: body truncate at the baſe.

In

In ſea Water. *Mull. Entom. n.* 5. *tab.* 2. *fig.* 18, 19.
Swims on it's back. *Shell* with a convex fulvous back.

Faunus. Shell ovate, pellucid and emarginate behind: laſt joint of the antennæ ſubulate.
Mull. Entomoſt. p. 46. *n.* 6. *tab.* 2. *fig.* 5—8.
Found in ditches among duck-weed.
Shell gibbous: *antennae* bent back.

Bacchus. Shell ovate, emarginate behind, and ending in 2 briſtles.
Inhabits Rivers. *Mull. Entomoſt. p.* 46. *tab.* 2. *fig.* 9—11.
Antennæ ſtretched forwards: *legs* 4.

Thyas. Shell dilated linear: antennæ incumbent.
Mull. Entomoſt. p. 47. *n.* 8. *tab.* 2. *fig.* 16--17.
In ſtinking ſea-water. *Fore-legs* branched.

Bracteatus. Shell globular unarmed: legs 6.
In freſh water. *Mull. Entom. tab.* 1, *fig.* 1, 2.
Antennae obtuſe: *ſhell* very pellucid.

Saltatorius. Shell oval-oblong and briſtly behind.
Baker Microſ. tab. 12. *fig.* 29. *Mull. Ent. t.* 1. *f.* 3--7.
Shell pellucid and terminated by briſtles.

F. *Shell univalve: eyes* 2, *placed beneath*

Charon. Shell pellucid: legs 4.
In Ditches. *Mull. Entomoſt. tab.* 20. *fig.* 1, 2.
Eyes ſphærical remote deep black, with 4 capillary circles round them.

Delphinus Shell gibbous: legs 8.
In Rivers. *Baker Microſc. p.* 76. *tab.* 37.

Armiger. With 6 legs.
Slabb. Microſc. tab. 6. *fig.* 1.

G. *Shell bivalve: eyes* 2, *placed on the back.*

Polyphemus. Shell orbicular, the future lunate and toothed behind: tail ſubulate and very long.
Seba Muſ. 3. *tab.* 17. *fig.* 1. *Knorr. Delic. tab.* F. 1.
Kæmph. Japan. tab. 13. *fig.* 8. *Schæff. Mon.* 176. *tab.* 7.
Inhabits *India*, and is the largeſt known inſect, growing ſometimes to 4 feet long.

Cyclops. Shell convex with 3 lines of raiſed ſpines: tail very long and unarmed.
Inhabits *India*. Limulus Cyclops. *Fab.* ii. *p.* 488.
About a third part the ſize of the laſt. *Shell* lunate before with 3 raiſed dorſal lines and 2 acute teeth, finely ſerrate behind with a raiſed line in the middle in which are 3 teeth.

* *Apus.* Shell oblong, truncate and ſerrate behind: tail ending in 2 briſtles.
In ſtagnant water. *Sulz. Inſ. tab.* 24. *fig.* 153.
Philoſoph. Tranſact. 40. *p.* 150. *tab.* 1. *fig.* 2.

* *Piſcinus.* Shell heart-ſhaped, flat.
Friſch Inſ. 6. *tab.* 12. *Baſter.* 2. *tab.* 8. *fig.* 9, 10.
Inhabits the *Ocean*, and adheres to various fiſh: moves very quick with it's tail elevated.
Shell pellucid with yellowiſh marks: *abdomen* very ſhort with a long bifid tail.

Pennigerus. Shell hemiſpherical with a linear ſuture: tail feathered.
In freſh water. *Mull. Entomoſt. p.* 127. *n.* 62.

Salmoneus. Shell oblong; tail imbricate 4-leaved.
Mull. Entomoſt. p. 132. *n.* 64. *tab.* 21. *fig.* 3, 4.
Found ſticking to the *Salmmon*, between the ſcales.
Body long yellowiſh with very minute eyes.

H. *Shell bivalve: eyes* 2: *antennæ capillary.*

Brachyurus Shell globular: tail deflected: antennæ 4.
In Marſhes. *Mull, Entom. n.* 35. *tab.* 8. *fig.* 1--12.
Shell pellucid, reddiſh-brown when young and green when older, with a white eye on the fore-part and a black one behind: *legs* 20--24.

**Sphæricus* Shell globular: tail inflected: antennæ 2.
Mull. Entomoſt. p. 71. *n.* 26. *tab.* 9. *fig.* 7--9.
In ſtagnant water among duck-weed.
Shell rufous: *legs* 12.: *tail* ſinuate beneath with a claw at the tip.

Quadrangularis. Shell quadrangular: tail inflected: antennæ 2.
In moſt waters. *Mull. Entom. tab.* 9. *fig.* 1--3.
Legs 12--16 larger, beſides numerous leſſer-ones: *tail* armed with 2 minute ſpines at the tip.

Lamellatus.

Lamellatus Shell ventricoſe: tail inflected lamellate: antennæ 2.
In ſtagnant water. *Mull. Entom. tab*, 9. *fig*. 4--6.
Shell convex: *eyes* green: *legs* capillary: *tail* with a broad ſerrate lamina beneath and 2 ſpines at the tip.

Trigonellus. Shell gibbous before: tail inflected ſerrate: antennæ 4.
In Ditches. *Mull. Entom. p.* 74. *tab.* 10. *fig.* 5, 6.
Shell ciliate, with a ſharp proboſcis; *antennæ* with 3 briſtles at the tip: *ovaries* black.

Truncatus. Shell ovate and toothed behind: tail inflected ſerrate: antennæ 4.
In ſtagnant water. *Mull. Entom. tab.* 11. *fig.* 4--8.
Shell obliquely ſtriate, ciliate before and ſerrate behind: *tail* broadiſh and ending in a claw.

Longiroſtris Shell roundiſh: tail inflected: ſhell prickly on the fore-part.
In rivulets. *Mull. Entomoſt. p.* 76. *tab.* 10. *fig.* 7--8.
Proboſcis longer than the head, curved and ſubulate.

Macrourus. Shell oblong: tail ſtraight: antennæ 4.
In Lakes. *Mull. Entom, p.* 77, *tab.* 10. *fig.* 1--4.
Shell pellucid whitiſh: *legs* 8: *tail* lanceolate.

Socors. Shell ovate: tail projecting curved: antennæ 2.
In moſt waters. *Mull. Entom. p.* 78. *tab.* 9. *fig.* 1--3.
Shell pellucid without ſtriæ teeth or fringe: *legs* 4: *tail* bicuſpidate at the tip.

121. ONISCUS. *Jaw* truncate denticulate: *lip* bifid: *antennae* ſetaceous, 2--4: *body* oval, conſiſting of about 14 tranſverſe ſegments: *legs* 14.

Theſe feed on animal and vegetable matter and caſt their ſkin.

A. *Feelers* 0: *antennæ often* 4, *ſeſſile*: Cymothoa.

Paradoxus. Segments of the body falcate and ſpinous.
Inhabits *Terra del fuego*: large.
Body broad depreſſed: *antennæ* 4: *eyes* 2, in the firſt ſegment: 3 laſt ſegments narrower, and hardly dilated: *tail* large ovate with 3 raiſed dorſal lines, with an obtuſe lamina each ſide at the tip.

Imbricatus. Antennæ compreſſed: legs furniſhed with claws; hind-thighs carinate.
Inhabits *New Zealand:* large, oblong, pale.
Antennæ 4, ſhort: *tail* broad obtuſe with 2 obtuſe laminæ each ſide: 8 *hind-thighs* carinate.

Falcatus. Segments of the body falcate and 2-ſpined at the ſides.
Inhabits the *Chineſe Ocean,*
Antennæ 4, ſhort compreſſed: *head* ſmooth white, rounded before and 3-lobed behind: 7 larger *ſegments* yellowiſh 2-ſpined each ſide, the firſt ſegment 1-ſpined: *tail* ovate obtuſe.

**Aſilus.* Abdomen covered with 2 ſcales: tail ſemioval.
Inhabits the *European Ocean. Petit. Gaz. tab.* 155. *fig.* 1.
Pall. Spicil, Zool. 9. *p.* 71. *tab.* 4. *fig.* 12.

Guadeloupenſis. Abdomen covered with 6 ſcales: tail ovate entire.
Inhabits the *American Ocean*; ſize of the next.
Antennæ ſhort compreſſed: laſt *ſegment* or tail oval and flat with 2 ſtyles, the laſt joint of which are biſid.

* *Oeſtrum.* Abdomen covered with 6 ſcales: tail retuſe.
Brit. Zool. iv. *tab.* 18. *fig.* 1. *Seba. Muſ. tab.* 90.
Inhabits the *European Ocean.*

* *Entomon.* Abdomen naked beneath: tail oblong acute.
Brit. Zool. iv. *tab.* 18. *fig.* 5. *Degeer.* 7. *t.* 32. *f.* 1, 2.
Inhabits *European Ocean,* and preys on ſmall fiſh.

* *Aquaticus* Tail rounded with forked ſtyles: antennæ 4.
Donovan v. *tab.* 159. *Degeer. Inſ. tab.* 31. *fig.* 1.
Inhabits *Europe* in ſtagnant waters.
The *young* are contained in a 6-cleft follicle.

**Marinus.* Semicylindrical: tail oval-oblong pointed.
Brit. Zool. iv. *tab.* 18. *fig.* 3. *Degeer.* 7. *t.* 32. *f.* 11.
Inhabits the *European Seas.*

**Linearis.* Body linear: tail 4-toothed.
Brit. Zool. iv. *tab.* 18. *fig.* 2. *Pall. Spic.* 9. *t.* 4. *f.* 11.
Inhabits *European* and *Indian Seas.*

Chelipes. Oblong; tail 3-toothed: legs ſlightly chelate.
Pall. Spic. Zool. 9. *tab.* 4. *fig.* 17. *Miſcell. t.* 14. *f.* 16, 17.
Inhabits the *Atlantic,* among ſea weed.

Bicaudatus.

Bicaudatus Semicylindrical, with 2 tails as long as the body.
Inhabits the Seas of *Norway*.

Scopulorum. Body pale yellow with brown ſtreaks.
Inhabits the Seas of *Norway*.

Americanus Abdomen covered with 12 ſcales: hind-legs long and rufous: tail rounded.
Inhabits the *American Ocean*.
Antennae 4, equal compreſſed whitiſh: *eyes* reticulate: *ſegments* of the body 7, of the tail 6, the laſt flat rounded and entire.

Pſora. Abdomen naked beneath: tail ſemioval acute.
Inhabits *Norway*. *Act. Hafn.* 9. *p.* 594. *tab*, 10.

**Phyſodes.* Abdomen naked beneath: tail ovate.
Inhabits *Europe*. *Sulz. Hiſt. Inſ. tab.* 30. *fig.* 11.

**Bidentatus* Abdomen naked: tail very obtuſe, the laſt ſcale 2-toothed.
Inhabits *Britiſh Shores*. *Linn. Tranſ.* v. 3. *tab.* 2. *fig.* 3, 4.
Body very minute and marked on the upper ſide with 6 tranſverſe rows of ochreous ſpots: *ſcales* even, the laſt with 2 teeth.

Spinoſus. Body oblong, ſpinous pellucid.
Inhabits the *Atlantic*. *Body* gelatinous.
Head rounded, with marginal ſpines: ſegments of the body with a ſubſpinous ridge: 2 firſt pair of *legs* chellate, 4 next pair longer with ſpinous angles, the laſt ſhort, with a claw at the end.

Acuminatus Oblong, grey: antennæ and legs paler: tail pointed.
Inhabits the *Ocean*; larger than C. marinus.
Antennæ 4, the inner-ones ſhorter.

Emarginatus. Oblong grey-brown: tail emarginate.
Inhabits the *Ocean*; ſize of the laſt.
Antennae 4, the fore-ones ſhorter: *tail* ovate obtuſe.

Albicornis. Oblong, brown: tail pale dotted with black.
Inhabits the *Spaniſh Seas*.
Antennae pale: *ſegments* paler at the edges: *tail* of 5 ſcales: *legs* pale.

Ceti. Ovate with diſtinct ſegments: third and fourth pair of legs linear and unarmed.

Seba.

Seba. Muſ. 1. *tab.* 90. *fig.* 5. *Degeer.* 7, *t.* 42. *f.* 6, 7.
Inhabits the *Northern Seas*, on Whales.

**Oceanicus* Ovate; tail ending in 2 bifid ſtyles.
Brit. Zool. iv. *tab.* 18. *fig.* 4. *Baſt. t.* 13. *f.* 4.
Inhabits the *European Ocean.*

Serratus. Ovate, brown: tail with 5 plates, the outer ones ſerrate without.
Inhabits the *Spaniſh Coaſt*; ſmall.

**Aſſimilis.* Ovate; tail obtuſe unarmed: body cinereous.
Inhabits *Europe. Baſter* 2. *tab.* 13. *fig.* 3.
Tail obtuſe without ſtyles: *body* duſky.

Corallinus. Lanceolate; above brown: tail oblong-triangular and crenate.
Inhabits *Sunderman. Thunb. Act. Upſ.* 4. *p.* 27. *n.* 46.

Aculeatus. Thorax naked: back with 3 rows of ſpines.
Act. Petrop. 1778, 1. *p.* 247. *tab.* 8. *fig.* 1.
Inhabits the *White Sea. Body* carmine.

Scorpioides. Thorax oval-globular: tail long jointed, ending in a ſpine and bifid briſtles.
Inhabits the *White Sea. Act. Petrop.* 1778. *tab.* 8. *fig.* 2.

Caſpidatus. Thorax articulate tuberculate: the 6 dorſal ſegments cuſpidate.
Inhabits the *White Sea. Act. Petop.* 1778. *tab.* 8. *fig.* 3.
Antennae 4: *tail* tufted at the ſides.

Hecticus. Cinereous, linear: tail linear bicuſpidate with 2 linear ſtyles.
In the *Atlantic. Pall. Spic. Zool.* 9. *t.* 4. *f.* 10. A, B, C, D.
Body hardiſh: *antennae* 4: *legs* minute.

Tinea. Ovate, green ſpotted with black: tail rounded.
Inhabits *Denmark. Mull. Zool. Dan.* 2364.

Tridentatus Flattiſh; tail with 2 plates and 3-toothed.
Inhabits *Denmark. Mull. Zool. Dan.* 2372.

Fuſcus. Brown; ſhell carinate with a white ſpot on the thorax.
Inhabits *Denmark. Mull. Zool. Dan.* 2476.

Meduſarum.

Meduſarum A little compreſſed: front obtuſe; antennæ very ſhort and pendent: hands 4 compreſſed and cut.
Stroem. Sundm. 1. *p.* 188. *tab.* 1. *fig.* 12, 13.
Found under the folds of the *Meduſa Capillata*.

Cicada. Compreſſed, ſublinear with 4 ſpurious hands: upper antennæ ſhorter: tail ſmooth on the back.
Inhabits *Greenland Seas*. *Fab. fn. Groen. p.* 258. *n.* 233.

Arenarius. Slightly depreſſed before, carinate and ſubſerrate behind: 4 fore-legs cheliform and ſmooth: antennæ nearly equal.
Stroem. Act. Hafn. 10. *tab.* 2. *fig.* 1--8.
Inhabits the Sandy Shores of *Greenland*, on the Ulva umbilicalis.

Stræmianus Compreſſed; 4 fore-legs cheliform and ſlightly toothed: upper-antennæ very ſhort.
Stroem. Act. Hafn. 9. *p.* 558. *tab.* 8.
Inhabits the Shores of *Greenland*. *Body* violet.

Abyſſinus. Subcylindrical; 4 fore-legs cheliform and 1-toothed: antennæ ſubequal ſetiferous and ſerrate at the baſe on the inner margin.
Inhabits *Greenland*. *Fab. Fn. Groen. p.* 261. *n.* 236.
Body with white and ſaffron bands: darts with great velocity in the water.
Theſe 6 laſt might probably be referred to the Genus Cancer.

B. *Feelers unequal, the hind-ones longer: antennæ filiform.*

Maculatus. Tail obtuſe unarmed: body lead-colour with dotted white lines.
Inhabits *Italy*; twice the ſize of C. armadillo.
Body with 7 longitudinal white dotted lines.

Puſtulatus. Black; with 4 red dots on the firſt ſegment and 2 whitiſh ones on the reſt.
Inhabits *Southern Europe*.

**Aſſellus.* Tail obtuſe with 2 ſimple ſtyles. *Wood-louſe.*
Degeer. Inſ. 7. *tab.* 35. *fig.* 3. *Sulz. Inſ. t.* 24. *f.* 154.
Inhabits *Europe* in walls, rotten wood and under ſtones.
The young are contained in a 4-valved follicle under the abdomen of the mother.

Sylveſtris, Tail with 4 ſtyles, the lateral ones longer.
Inhabits *France*; leſs than the laſt.

Body

Body blackish with cinereous specks: *tail* narrower than the body with 4 distinct styles, the lateral ones a little larger and pale.

**Armadillo* Body grey-brown: tail obtuse entire.
Found under stones. *Sulz. Hist. Ins. tab.* 30. *fig.* 13.
Body of 10 segments, the edges of which are white.

122. SCOLOPENDRA. *Antennae* setaceous: *feelers* 2, filiform, united between the jaws: *lip* toothed and cleft: *body* long, depressed, consisting of numerous transverse segments; *legs* numerous, as many each side as there are segments of the body.

These insects live in decayed wood or under stones, and some of them in fresh and salt water: they prey on other insects.

**Lagura.* Legs 12 each side: body oval: tail with a white pencil of hairs.
Degeer. Ins. 7. *tab.* 36. *fig.* 1, 2, 3. *Geoffr. Ins.* 2. *t.* 22. *f.* 4.
Inhabits *Europe*, under the bark of old trees.
Body brown: *head* black: *sides* with 9 tufts of hairs.

Coleoptrata Legs long, 14 each side: body scutellate.
Inhabits *Europe*. *Pall. Spicil. Zool.* 9. *tab.* 4. *fig.* 16.
Antennæ yellow, as long as the body: *thighs* prickly, *shanks* rough.

**Forficata.* Legs 15 each side: body reddish-brown.
Donovan. vi. *tab*, 198, *Sulz. Ins. tab.* 24. *fig.* 155.
Inhabits *Europe* and *America*, under stones and flower-pots.

Gigantea. Legs 17 each side: tail with 2 hooked styles.
Inhabits *America*. *Brown. Jamaic. tab*, 42. *fig.* 4.

Morsitans. Legs 20 each side: eyes 8.
Degeer. Ins. 7. *tab.* 43. *fig.* 1. *Catesby Carol.* 3. *tab.* 2.
Seba Mus. 3. *tab.* 81. *fig.* 3, 4, 2. *t.* 25. *f.* 3, 4.
Inhabits *India*. It's bite is said to be something venemous.

Ferrugi-

Ferruginea. Legs 22 each side: body ferruginous.
Inhabits *Africa*. *Degeer. Inf.* 7. *tab.* 43. *fig.* 6.
Body with 20 segments: *legs* pale yellow.

Dorsalis. Legs 30 each side: body brown with a ferruginous dorsal line.
Inhabits *Tranquebar*, large. *Legs* ferruginous.

Clypeata. Legs 30 each side: body brown rough: head shielded.
Inhabits *Tranquebar*; less than the last.
Body of 16 narrow segments which are substriate and rough with raised dots: *head* covered with a rounded entire shield: *antennae* short pale: *tail* emarginate: *legs* pale.

**Electrica.* Legs 70 each side: body linear.
Degeer Inf. 7. *tab.* 36. *fig.* 17. *Frisch. Inf.* 2. *t.* 8. *f.* 1.
Inhabits *Europe*, in decayed wood; and shines in the dark.
Body very flat, tawny with a black line down the back.

Phosphorea. Legs 76 each side.
Inhabits *Asia*, and shines like the glow-worm in the dark: has been known to fall from the air into a vessel a thousand miles from land, in the *Indian Sea*.
Head ovate yellowish with 2 grooved lines and another transverse one: *antennae* subulate ferruginous, of 14 articulations: *body* filiform, about as thick as a goose quill, purplish with 2 yellow parallel lines.

Occidentalis Legs 123 each side.
Inhabits *America*. *Lift. It.* 1699. *tab.* 6.
Body ferruginous: *antennae* with 14 articulations.

Gabrielis. Legs 148 each side: body yellowish.
Inhabits *Italy*; 4 times as large as S. electrica.
Antennae short of 14 articulations: *tail* semioval with an appendage and 2 short styles.

Marina. Legs——each side: body pale with a rufous dorsal line.
Inhabits the *Atlantic*. *Straem, Sundm.* 1.
Number of *legs* unknown.

123. JULUS. *Lip* crenate emarginate: *antennae* moniliform: *feelers* 2, filiform: *body* long semicylindrical, consisting of numerous transverse segments: *legs* numerous, twice as many each side as there are segments of the body.

*Ovatus. Legs 20 each side.
Grenov. Zoophyl. 995. *tab.* 3. *fig.* 1.
Inhabits the *European Ocean*; is probably an Oniscus.

*Complanatus. Legs 30 each side: body flattish: tail pointed.
Inhabits *Europe*. *Degeer Inf.* 7. *tab.* 36. *fig.* 23.
Body brown: *antennae* slightly clavate.

*Depressus. Legs 30 each side: body flattish: tail rounded entire.
Inhabits *East India*. Ten times as large as the last.
Head brown: *segments* rough grey and prominent each side.

*Stigma. Legs 30 each side: body black with a white dot each side on every other segment.
Inhabits *Tranquebar*; twice as large as J. complanatus.
Antennae and *legs* black: *tail* pointed white.

*Tridentatus Legs 36 each side: tail 3-toothed.
Inhabits *America*; thicker than J. subulosus.
Body with 18 grey segments, each marked with a ferruginous dorsal dot: *legs* with 2 denticles at the base.

*Varius. Legs 78 each side: segments of the body black at the base and white at the tip.
Inhabits *Italy*; middle-sized.
Head black with a white band in the middle: *segments* with a fine ferruginous margin: *legs* black.

*Crassus. Legs 80 each side: tail acute.
Inhabits *Asia*: pale with a line of black dots each side.

*Carnifex. Legs 94 each side: head and legs red: tail with a red line.
Inhabits *Tranquebar Schroet. Abh.* 1. *tab.* 3. *fig.* 7.
Larger than J. subulosus. *Tail* pointed.

*Terrestris. Legs 100 each side: body blackish polished.
Donovan. vi. *tab.* 207. *Degeer Inf tab* 36. *fig.* 9, 10.
Fritsch. Inf 2. *tab* 8. *fig.* 3. *Sulz. Inf. t.* 23. *f.* 156.
Inhabits *Europe*, under stones and in the earth.

*Rupestris. Legs 108 each side: body livid.
Inhabits *America*. *Guldenstedt. It.* 1. *p.* 295.
Body about as thick as a goose-quill and 2 inches long: *head and antennae* black: 2 last *segments* without feet.

Indus

Indus. Legs 115 each side: body ferruginous: legs yellow.
Inhabits *India* *Seba. Muſ.* 1. *tab* 81. *fig.* 5.
Degeer. 7 *tab* 43. *fig.* 7. *Petiv. Gaz. t.* 74. *f.* 3.
Laſt ſegment of the *body* pointed.

**Sabuloſus.* Legs 120 each side: body livid.
Schaeff Elem. tab. 73.
Inhabits *Europe*, in damp places and in nuts.

Fuſcus. Legs 124 each side: body brown.
Inhabits *India*, *Seba. Muſ.* 2. *tab.* 24. *fig.* 4, 5.

Maximus. Legs 134 each side.
Inhabits *America*, very large. *Liſt. It.* 1699. *tab.* 5.

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ERRATA

ERRATA.

Page 704. Between Acarus Siro and Ac. domeſticus inſert

* *Autumnalis.* Globular ovate red: abdomen briſtly behind. *Harveſt-bug. Shaw Nutuvaliſt's Miſcell. tab.* 42.

Inhabits *Europe*, and is ſufficiently known by it's bite during the Autumn months to moſt people: it is leſs than the common mite and adheres firmly to the ſkin, cauſing a tumour and ſevere itching by it's bite.

Page 241, l. 14, for *wauria* read *wauaria.*
Page 249, l. 1, the ſpecific name ſhould be *liturata.*
Page 256, l. 17, read *decuſſata.*
Page 338, l. 3, from the bottom: the ſpecific name ſhould be * *rurea.*
Page 386, l. 10, for *ſeek* read *ſeen.*
Page 513, l. 6, for *contigious* read *contiguous.*
Page 593, l. 34, for *Members* read *numbers.*
Page 653, l. 8, from the bottom: for *luteolu* read *luteola.*
Page 673, l. 24, for *appoximate* read *approximate.*
Page 709, l. 21, for *aruaticus* read *aquaticus.*
Page 720, l. 3, for *ſecrets* read *ſecretes.*
Page 775, l. 1, for *Meduſaram* read *meduſarum.*
Page 775, l. 31, for *Aſſellus* read *Aſellus.*

END OF THE THIRD VOLUME.

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